

# Service Manual

DEH-P725R/EW



ORDER NO.  
**CRT1812**

MULTI-CD CONTROL HIGH POWER CD PLAYER WITH ID-LOGIC TUNER

**DEH-P725R** **EW**  
**DEH-P725R-W** **EW**

MULTI-CD CONTROL HIGH POWER CD PLAYER WITH ID-LOGIC TUNER

**DEH-P725** **UC**  
**DEH-P725-W** **UC**

MULTI-CD CONTROL HIGH POWER CD PLAYER WITH FM/AM TUNER

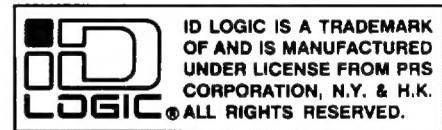
**DEH-P723** **ES**  
**DEH-P625** **UC**

MULTI-CD CONTROL CD PLAYER WITH FM/AM TUNER

**DEX-P88** **UC**

MULTI-CD CONTROL CD PLAYER WITH RDS TUNER

**DEX-P77R** **EW**



- See the separate manual CX-597 (CRT1811) for the CD mechanism description and disassembly.
- The CD mechanism employed in this model is one of CX-597 series.

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# **DEH-P725R, P725R-W, P725, P725-W, P723, P625, DEX-P88, P77R**

## **Using the SRS function (DEH-P725R/EW, P725R-W/EW, P725/UC, P725-W/UC, P723/ES)**

This stereo CD player's SRS function provides the pleasure of listening to music of superb depth and breadth in the relaxed atmosphere of your own vehicle.

Notes:

1. The SRS function does not operate when the Tuner is selected as the source.
2. The SRS effects can be changed to match the style of music.



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## **1. SAFETY INFORMATION**

### **1.1 DEH-P725/UC,P725-W/UC,P625/UC,DEX-P88/UC**

#### **CAUTION**

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.

Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely; you should not risk trying to do so and refer the repair to a qualified service technician.

#### **WARNING**

Lead in solder used in this product is listed by the California Health and Welfare agency as a known reproductive toxicant which may cause birth defects or other reproductive harm (California Health & Safety Code, Section 25249.5). When servicing or handling circuit boards and other components which contain lead in solder, avoid unprotected skin contact with the solder. Also, when soldering do not inhale any smoke or fumes produced.

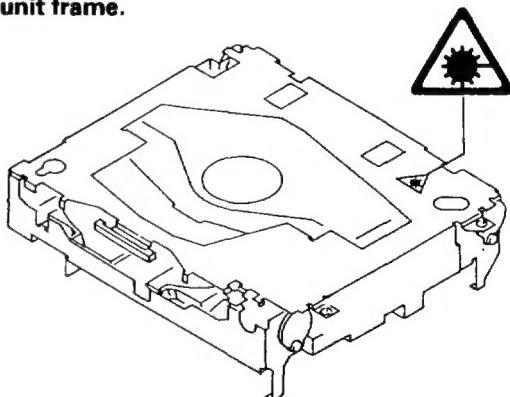
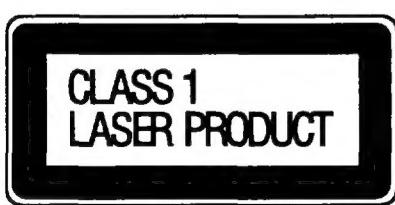
### **1.2 DEH-P725R/EW,P725R-W/EW,DEX-P77R/EW**

#### **1. Safety Precautions for those who Service this Unit.**

- When checking or adjusting the emitting power of the laser diode exercise caution in order to get safe, reliable results.

#### **Caution:**

1. During repair or tests, minimum distance of 13cm from the focus lens must be kept.
2. During repair or tests, do not view laser beam for 10 seconds or longer.
2. A "CLASS 1 LASER PRODUCT" label is affixed to the bottom of the player.
3. The triangular label is attached to the mechanism unit frame.



#### **4. Specifications of Laser Diode**

Specifications of laser radiation fields to which human access is possible during service.  
Wavelength = 800 nanometers

## 2. SPECIFICATIONS

### General

Power source .....	14.4 V DC (10.8 — 15.1 V allowable)
Grounding system .....	Negative type
Max. current consumption .....	8.0 A
Dimensions (mounting size) .....	178 (W) × 50 (H) × 157 (D) mm
(front face) .....	188 (W) × 58 (H) × 16 (D) mm
Weight .....	1.7 kg

### Amplifier

Maximum power output .....	35 W × 4
Continuous power output .....	22 W × 4 (DIN45324, +B=14.4 V)
Load impedance .....	4 Ω (4 — 8 Ω allowable)
Preout output level/output impedance .....	500 mV/ 1 kΩ
Sub-woofer output Crossover frequency .....	50 Hz, 80 Hz, 125 Hz
Crossover slope .....	-18 dB/oct
Tone controls (Bass) .....	±12 dB (80 Hz)
(Middle) .....	±12 dB (400 Hz)
(Treble) .....	±12 dB (10 kHz)
Loudness contour .....	+10 dB (100 Hz), +7 dB (10 kHz) (volume: -30 dB)

### CD player

System .....	Compact disc audio system
Usable discs .....	Compact disc
Signal format .....	Sampling frequency: 44.1 kHz Number of quantization bits: 16; linear
Frequency characteristics .....	5 — 20,000 Hz (±1 dB)
Signal-to-noise ratio .....	94 dB (1 kHz)(IEC-A network)
Dynamic range .....	90 dB (1 kHz)
Number of channels .....	2 (stereo)

### FM tuner

Frequency range (EW, ES).....	87.5 — 108 MHz
Frequency range (UC).....	87.9 — 107.9 MHz
Usable sensitivity .....	11 dBf (1.0 µV/75Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity .....	16 dBf (1.7 µV/75Ω, mono)
Signal-to-noise ratio .....	70 dB (IEC-A network)
Distortion .....	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response .....	30 — 15,000 Hz (±3 dB)
Stereo separation .....	40 dB (at 65 dBf, 1 kHz)

### MW (AM) tuner

Frequency range (EW, ES).....	531 — 1,602 kHz
Frequency range (UC, ES).....	530 — 1,710 kHz
Usable sensitivity .....	18 µV (25 dB) (S/N: 20 dB)
Selectivity .....	50 dB (±9 kHz)

### LW tuner (EW)

Frequency range .....	153 — 281 kHz
Usable sensitivity .....	30 µV (30 dB) (S/N: 20 dB)
Selectivity .....	50 dB (±9 kHz)

Note:

Specifications and the design are subject to possible modification without notice due to improvements.

### 3. OPERATION AND CONNECTION

#### Tuner Operation

##### Tuner Source and Band

- Push the SO button or the TUNER button to select Tuner.  
The program service name or frequency appears on the display.  
(“” indicator lights when stereo station selected.)



- Use the Band button to select the desired band.  
(F1, F2, MW/LW)



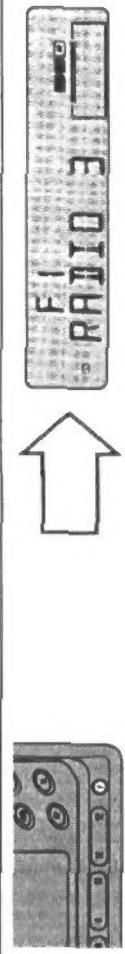
##### Function Switching

Generally speaking, operation is conducted with Function ON. It is conducted with Function OFF in the following cases:

Tuner:

- Preset Tuning
- Preset Memory
- Multi-CD player:
- Disc Number Search

- Press the F button to switch function OFF.  
“FUNCTION” disappears.
- Press the F button again to switch Function ON.  
“FUNCTION” appears on the display.



### AF Function Switching

This tuner/CD player's AF function can be switched ON and OFF. AF should be switched OFF for normal tuning operations.

- Press the **AF** button to switch AF OFF.  
"AF" disappears.
- Press the AF button again to switch AF ON.  
"AF" appears on the display.



### Manual and Seek Tuning

Both Manual (step-by-step) and Seek (automatic) tuning are available.

1. Press button 12 for 2 seconds or longer to switch alternately between the Manual and Seek tuning modes.  
The "MANU" indicator lights when Manual tuning is selected and turns OFF when Seek tuning is selected.



2. Press the (►) or (◀) button to tune the receiver to a higher frequency.

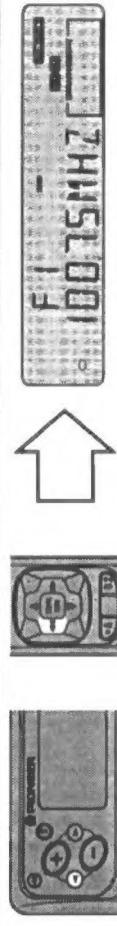
MANU ON (Manual tuning):

The frequency changes step by step.

MANU OFF (Seek Tuning):

The tuner automatically seeks out and receives broadcasting stations.

- Press the (►) or (◀) button to tune the receiver to a lower frequency.



## Using the Built-in CD Player

The built-in CD player plays one standard 12 cm or 8 cm (single) CD at a time. Do not use an adapter when playing 8 cm CD.

### Inserting and Removing Discs

1. Press the **Open** button to open the front panel.

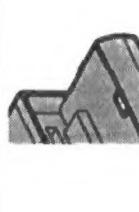


2. Insert the disc with the recorded (iridescent) surface down.

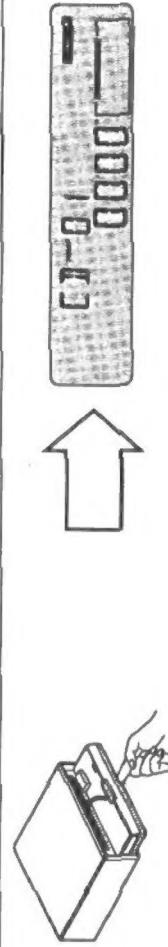
CD playback begins immediately, whether or not the player is ON or the built-in CD source selected. The track number and playing time are displayed.



3. Press the **Eject** button on the inside of the front panel to eject any disc loaded in the disc slot.



4. Close the front panel by swinging it gently upward.



### Playing the Built-in CD player

- To play a CD that is already loaded, press the **SO** or **CD/MCD** button with a CD loaded to select the built-in CD player.
- The built-in CD player is selected only when a CD is loaded.



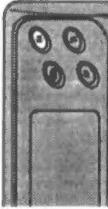
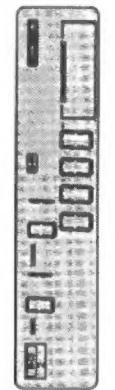
## Using Multi-CD Players

### Multi-CD player operation

- Press the **SO** button or the **CD/MCD** button to select the multi-CD player source. The message “**M-CD**” (“Multi-CD player repeat”), the multi-CD player, disc and track numbers, and the playback time are displayed.

Notes:

1. You cannot select the Multi-CD player source if no multi-CD player is installed or no magazine is loaded in an installed multi-CD player.
2. The multi-CD player may perform a preparatory operation, such as verifying the presence of a disc or reading disc information, when the power is turned ON or a new disc is selected for playback. “**READY**” is displayed.
3. If the multi-CD player cannot operate properly, an error message such as “**ERROR-80**” (No disc) is displayed.

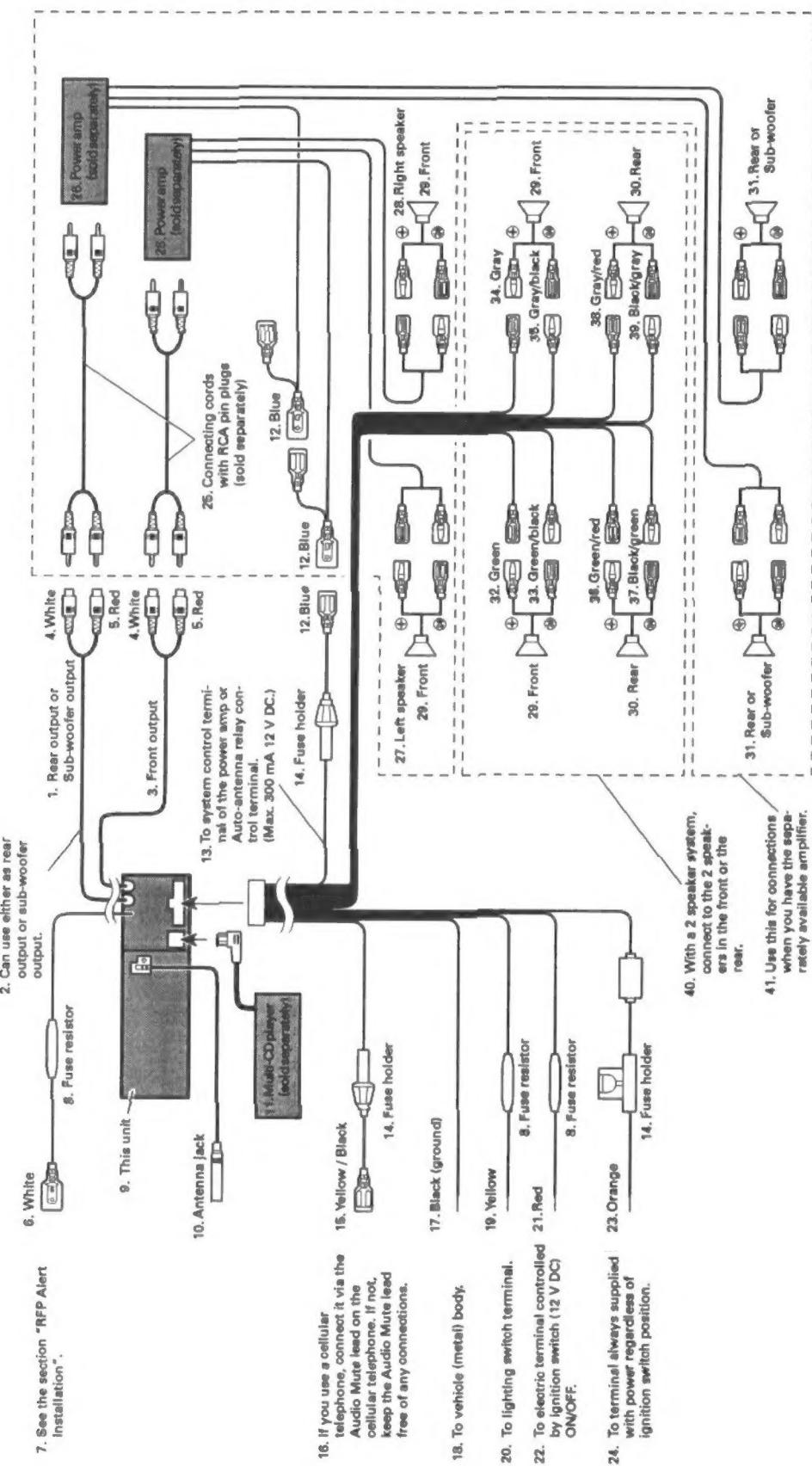


### Switching the Multi-CD Player

- Select the multi-CD player you want to use by pressing the **BAND** button while watching the multi-CD player number display.

# DEH-P725R, P725R-W, P725, P725-W, P723, P625, DEX-P88, P77R

## ● Connection Diagram



## 4. DISASSEMBLY

### ● Removing the Case(not shown)

1. Remove the one screw.(Only DEX-P88/UC, P77R/EW)
- Remove the two screws.(Except for DEX-P88/UC, P77R/EW)
2. Insert and turn a flat screwdriver to remove the case.
3. Raise the case to remove.

### ● Removing the Detach Grille Assy(not shown)

1. Press the detach button.
2. Remove the detach grille assy.

### ● Removing the CD Mechanism Module(Fig.1)

1. Remove the four screws A.
2. Disconnect the connector C.
3. Remove the CD mechanism module.

### ● Removing the Panel Assy(Fig.1)

1. Remove the two screws B.
1. Disconnect the two connectors D.
2. Press the four stoppers at locations indicated by allows, and then pull out the panel assy.

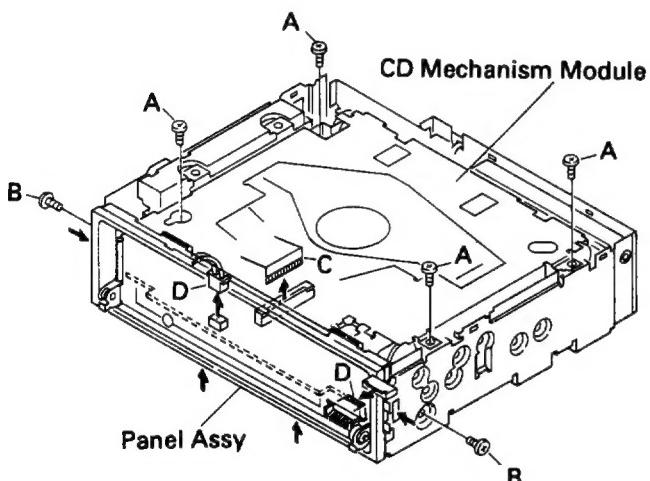


Fig.1

### ● Removing the Tuner Amp Unit(Fig.2)

1. Remove the two screws A, one screw B, one screw C, the three screws D, the holder and one screw E(only DEX-P88/UC, P77R/EW).
3. Unbend the tabs at three locations indicated by arrows until straight.
3. Remove the tuner amp unit.

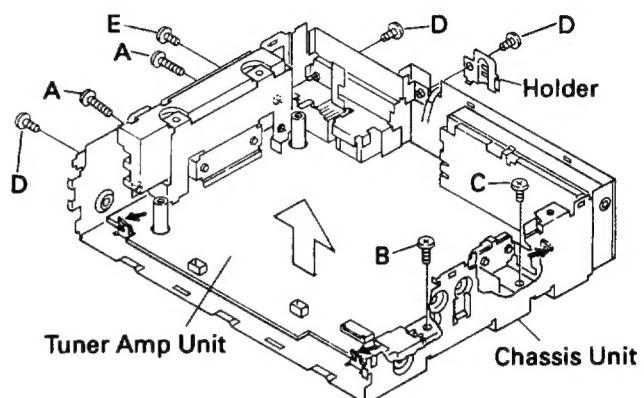


Fig.2

### ● Removing the Cover Unit(Fig.3)

1. Remove the four screws.
2. Press the three stoppers at locations indicated by allows, and then pull out the cover unit.

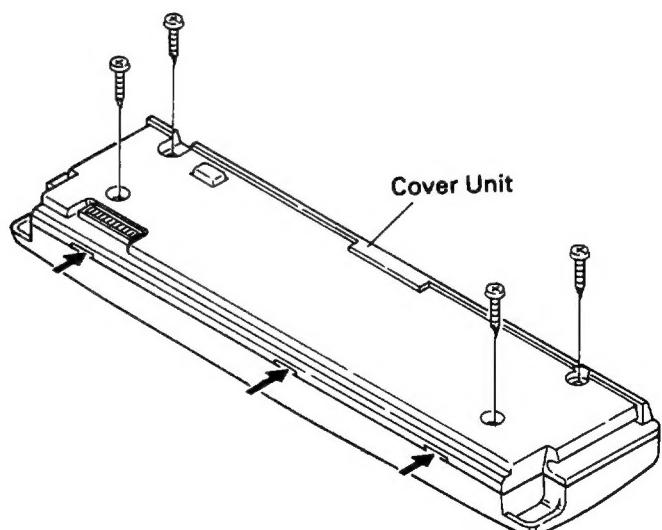


Fig.3

## 5. ADJUSTMENT

### ● Connection Diagram

**NOTE:**

Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

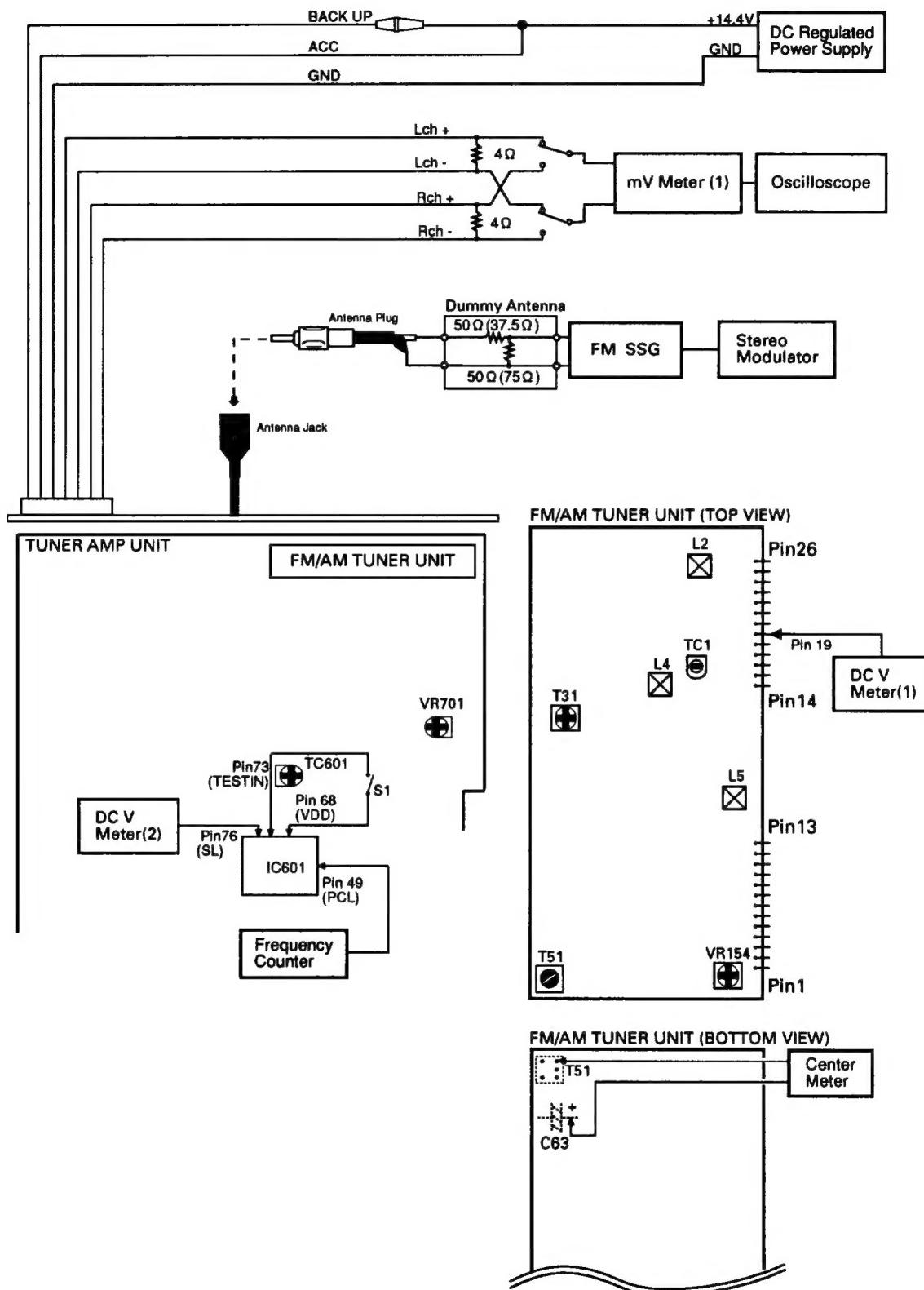


Fig.4

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

**● Owner's Manual**

Model	Part No.	Language
DEH-P725R/EW	CRD1933	English, Spanish
DEH-P725R-W/EW	CRD1934	French, German
	CRD1991	Italian, Dutch
DEX-P77R/EW	CRD1992	English, Spanish
	CRD1993	French, German
	CRD1994	Italian, Dutch
DEH-P725/UC, DEH-P725-W/UC	CRD1937	English, French
DEH-P723/ES	CRD1939	English, Arabic
	CRD1995	French, Spanish
DEH-P625/UC	CRD1938	English, French
DEX-P88/UC	CRD1936	English, French

**● Installation Manual**

Model	Part No.	Language
DEH-P725R/EW, DEH-P725R-W/EW	CRD2033	English, Spanish, French, German, Italian, Dutch
DEX-P77R/EW	CRD2035	English, Spanish, French, German, Italian, Dutch
DEH-P725/UC, DEH-P725-W/UC	CRD1979	English, French
DEH-P723/ES	CRD1981	English, Arabic, French, Spanish
DEH-P625/UC	CRD1982	English, French
DEX-P88/UC	CRD1978	English, French

### **FM ADJUSTMENT(EW, ES MODEL)**

Modulation M:MONO MOD., 400Hz 30%(22.5kHz Dev.)

S1:STEREO MOD., 1kHz, L or R=30%(20.25kHz+7.5kHz Dev.)

S2:STEREO MOD., 1kHz, L or R=60%(40.50kHz+7.5kHz Dev.)

NOTE:Before proceeding to further adjustments after switching power ON, let the tuner run for ten minutes to allow the circuits to stabilize.

No.	FM SSG		Displayed Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
	Frequency(MHz)	Level(dBf)			
TUN Volt 1	.....	.....	108.0	L5	DC V Meter(1) : 6V
IF 1	98.1 M	60	98.1	T51	Center Meter : 0
ANT Coil 1	98.1 M	5	98.1	L2	mV Meter(1) : Maximum
RF Coil 1	98.1 M	5	98.1	L4	mV Meter(1) : Maximum
Image 1	129.3 M	60—80	107.9	TC1	mV Meter(1) : Minimum
IFT 1	98.1 M	5	98.1	T31	mV Meter(1) : Maximum (STEREO MODE)
ARC	98.1 S1	39	98.1	VR154	mV Meter(1) : Separation 5dB (STEREO MODE)

### **FM ADJUSTMENT(UC MODEL)**

No.	FM SSG		Displayed Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
	Frequency(MHz)	Level(dBf)			
TUN Volt 1	.....	.....	107.9	L5	DC V Meter(1) : 6V
IF 1	98.1 M	60	98.1	T51	Center Meter : 0
ANT Coil 1	98.1 M	5	98.1	L2	mV Meter(1) : Maximum
RF Coil 1	98.1 M	5	98.1	L4	mV Meter(1) : Maximum
IFT 1	98.1 M	5	98.1	T31	mV Meter(1) : Maximum (STEREO MODE)
ARC	98.1 S1	39	98.1	VR154	mV Meter(1) : Separation 5dB (STEREO MODE)

### **RDS SL ADJUSTMENT**

No.	FM SSG		Displayed Frequency(MHz)	Adjustment Point	Adjustment Method (Switch Position)
	Frequency(MHz)	Level(dBf)			
1	104.0 S2	35	104.0	VR701	DC V Meter(2) : 1.75V±0.05V

### **CLOCK ADJUSTMENT**

No.	Adjustment Point	Adjustment Method
1		S1 : ON
2	TC601	Frequency Counter : 1.048576MHz±2Hz

## **6. TEST MODE**

### **6.1 TEST MODE**

#### **1) Precautions**

• This unit uses a single power supply (+5V) for the regulator. The signal reference potential, therefore, is connected to REFO(approx. 2.5V) instead of GND. If REFO and GND are connected to each other by mistake during adjustments, not only will it be impossible to measure the potential correctly, but the servo will malfunction and a severe shock will be applied to the pick-up. To avoid this, take special note of the following.

Do not connect the negative probe of the measuring equipment to REFO and GND together. It is especially important not to connect the channel 1 negative probe of the oscilloscope to REFO with the channel 2 negative probe connected to GND.

Since the frame of the measuring instrument is usually at the same potential as the negative probe, change the frame of the measuring instrument to floating status.

If by accident REFO comes in contact with GND, immediately switch the regulator or power OFF.

• Always make sure the regulator is OFF when connecting and disconnecting the various filters and wiring required for measurements.

• Before proceeding to further adjustments and measurements after switching regulator ON, let the player run for about one minute to allow the circuits to stabilize.

• Since the protective systems in the unit's software are rendered inoperative in test mode, be very careful to avoid mechanical and /or electrical shocks to the system when making adjustment.

#### **• Test mode starting procedure**

Switch ACC, back-up ON while pressing the 4 and 6 keys together.

• Test mode cancellation  
Switch ACC, back-up OFF.

• Disc detection during loading and eject operations is performed by means of a photo transistor in this unit. Consequently, if the inside of the unit is exposed to a strong light source when the outer casing is removed for repairs or adjustment, the following malfunctions may occur.

\*During PLAY, even if the eject button is pressed, the disc will not be ejected and the unit will remain in the PLAY mode.

\*The unit will not load a disc.

When the unit malfunctions this way, either re-position the light source, move the unit or cover the photo transistor.

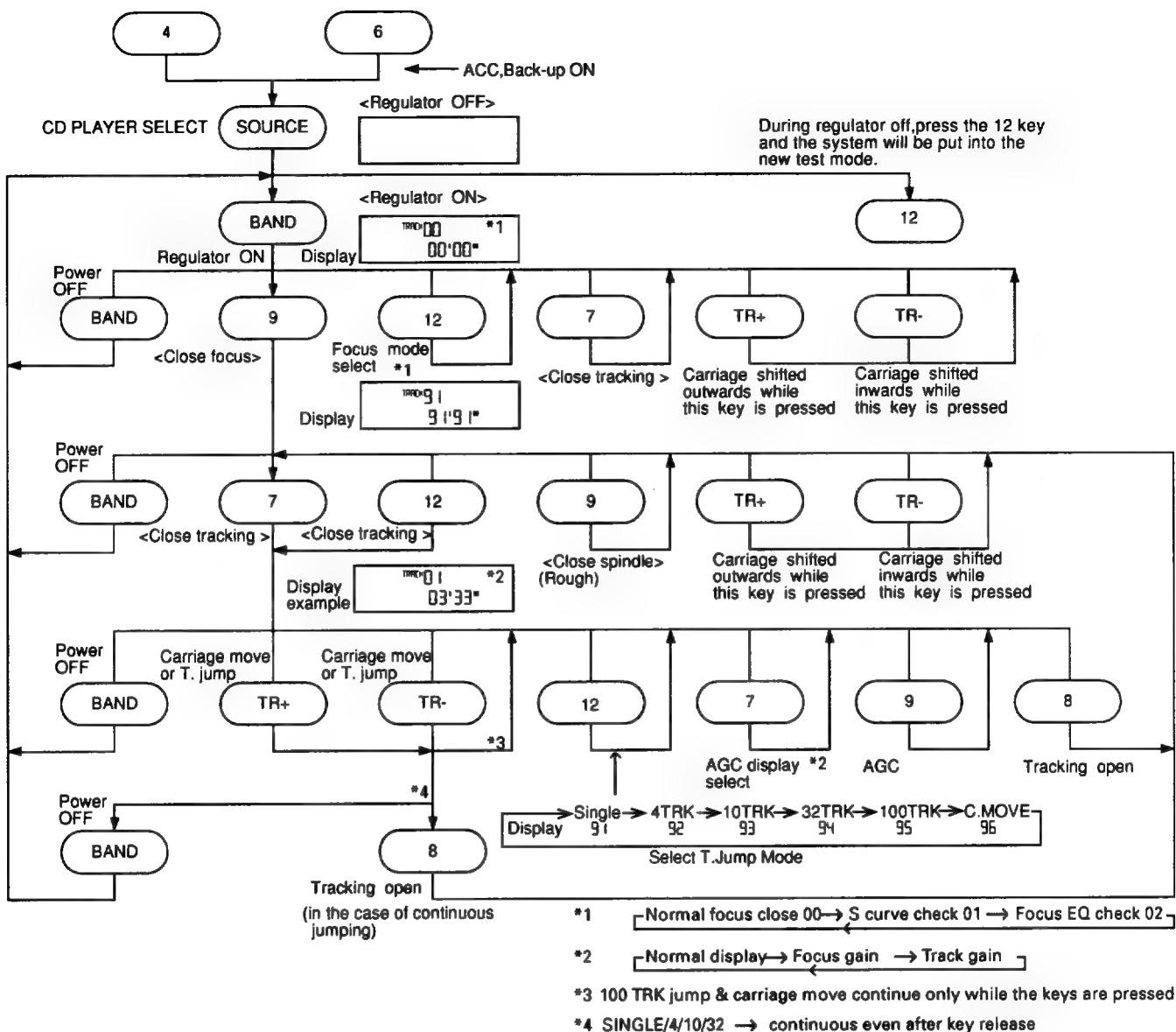
• When loading and unloading discs during adjustment procedures, always wait for the disc to be properly clamped or ejected before pressing another key. Otherwise, there is a risk of the actuator being destroyed.

• Turn power off when pressing the button TR+ or the button TR- key for focus search in the test mode. (Or else lens may stick and the actuator may be damaged.)

• SINGLE/4TRK/10TRK/32TRK will continue to operate even after the key is released. Tracking is closed the moment C-MOVE is released.

• JUMP MODE resets to SINGLE as soon as power is switched off.

## ● Flow Chart



## **6.2 ERROR NUMBERS AND NEW TEST MODE**

### **● Error Number Indication**

If the CD should fail to operate or if an error has taken place during operation the player will enter into the error mode, and the cause of the error will be numerically indicated.

This is aimed at assisting in analysis or repair.

#### **(1) Basic Means of Display**

With ERROR indicated in "MODE" on IP-BUS Display data, an error code is transmitted by the use of MIN and SEC.

The MIN and SEC data will be identical.

Examples of Display      ERROR-XX

#### **(2) Error Codes**

Error Code	Classification	Description	Cause/Detail
10	ELECTRIC	Carriage home failure	Carriage doesn't move to or from the innermost position →Home switch failed and/or carriage immobile
11	ELECTRIC	Focus failure	Focus failed →Defects, disc upside-down, severe vibration
12	ELECTRIC	SETUP failure Subcode failure	Spindle failed to lock or subcode unreadable →Spindle defective, defect, severe vibration
14	ELECTRIC	Mirror failure	Unrecorded CD-R The disc is upside-down, defects, vibration
17	ELECTRIC	Set up failure	AGC protect failed →Defects, disc upside-down, severe vibration
30	ELECTRIC	Search time out	Failed to reach target address →Carriage/tracking defective and/or defects
A0	SYSTEM	Power failure	Power overvoltage or short circuit detected →Switching transistor defective and/or power abnormal

"defects" means scratches, dirt etc on the surface of the disc.

### **● New Test Mode(aging operation and setup analysis)**

The single CD player plays in normal mode. After being set up, it will display FOK (focus), LOCK (spindle), subcode, sound skip, protection against a mechanical error or the like, occurrence of an error, cause and time of an expiry, if any, (and disc number).

During the setup, the CD software operation status (internal RAM and C-point) is displayed.

#### **(1) How to enter NEW TEST Mode**

See the test mode flow chart Page 13.

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**(2) Relations of keys between TEST and NEW TEST Modes**

Keys	Test Mode		New Test Mode	
	Regulator OFF	Regulator ON	PLAY in progress	Error Occurred, Protection Activated
BAND	Regulator ON	Regulator OFF	—	Time of occurrence / cause of error select
TR+	—	FWD-KICK	TRACK+ / FF	—
TR-	—	REV-KICK	TRACK- / REV	—
7	—	TRACKING CLOSE	SCAN	—
8	—	TRACKING OPEN	MODE	—
9	—	FOCUS CLOSE	ITP	—
12	To New Test Mode Select	FOCUS MODE	AUTO/MANU	—

Operations, such as EJECT, CD ON/OFF, etc. are performed normally.

**(3) Error Cause (Error Number) Code**

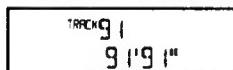
Error Code	Classification	Mode	Description	Cause	Detail
40	ELECTRIC	PLAY	FOK=L 100ms	Put out of focus	Scratch, Stain, Vibration, Servo defect, etc...
41	ELECTRIC	PLAY	LOCK=L 100ms	Spindle unlock	
42	ELECTRIC	PLAY	Subcode unacceptable 500ms	Failed to read subcode	
43	ELECTRIC	PLAY	Sound skipped	Last address memory operated	

**(4) Indicating an Operation Status During Setup**

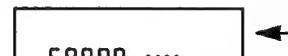
Status No.	Description	Protection operation
01	Carriage home mode started	None
02	Carriage moving inwards	10-second time out, Home switch failed
03	Carriage moving outwards	10-second time out, Home switch failed
05	Carriage moving outwards	None
11	Setup started	None
12	Spindle turn/Focus search started	None
13	Waiting for focus closure (XSI=L)	Failure to close focus
10,14	Waiting for focus closure (FOK=H)	Failure to close focus
15, 16, 17	Focus closed, Tracking open	Focus disrupted
18	During focus AGC Subcode waiting	Focus disrupted
19	During tracking AGC	Disrupted focus
20	Waiting for MIRR, LOCK or subcode read Carriage closed, SPINDLE=ADAPTIVE	Focus disrupted, MIRR NG, Failure to lock, Failed to read subcode

**(5) Example of Display.**

·SET UP in progress



·Protection/Error upon occurrence  
(a) Error number indicated



Select the display with the  
BAND key.

(b) Track number and  
absolute time indicated



·Operation (PLAY, SEARCH, etc.) in progress perfectly identical with that in the normal mode.

## 7. IC INFORMATION

### ● Pin Functions(PD4635A, PD4636A)

Pin No.	Pin Name	I/O	Format	Function and Operation
1	EJTSNS	I		Disc EJECT position detect
2	DSCSNS	I		Disc detect
3	ISENS	I		Illumination sense input
4	AVSS			A/D converter ground potential
5	TELIN	I		TEL mute signal input
6	NC			Not used
7	AVREF1			D/A converter standard voltage
8	KYDT	I		Key data input
9	DPDT	O	C	Display data output
10	SWVDD	O	C	Grille power supply control output
11	RIDDI	I		Communication data input
12	RIDDO	O	C	Communication data output
13	RIDCK	O	C	Communication clock output
14	RIDRST	O	C	Reset output
15	RIDSEL	O	C	Select output
16	XSI	I		Serial input (CD)
17	XSO	O	C	Serial output (CD)
18	XSCCK	O	C	Clock output (CD)
19	XSTB	O	C	Strobe output (CD)
20	CD5VON	O	C	CD +5V power control output (CD)
21	XAO	O	C	CD LSI data discernment control signal output
22	XRST	O	C	Reset output (CD)
23	CONT	O	C	Server driver power control output (CD)
24	VDCONT	O	C	VD power control output (CD)
25	CDMUTE	O	C	CD mute control output (CD)
26	CDEJET	O	C	LOAD motor eject control output
27	CDLOAD	O	C	LOAD motor loading control output
28	LOCK	I	C	Spindle lock detector input
29	FOK	I	C	FOK signal input
30	DRELAY	O	C	External relay output
31	DRSENS	I		Door open/close sense input
32	DOORH	O	C	Door system select output
33	VSS			GND
34	ASENBO	O	C	Slave power supply control output
35	TUNPW	O	C	Tuner power control output
36	tmute	O	N	Tuner mute output
37	CDPW	O	N	CD power control
38	DLED	O	N	Alarm LED output
39	VSRS	O		SRS output
40	MIRR	I		Mirror detector input
41	ILMPW	O	C	Illumination power supply control output
42	CLAMP	I		Disc clamp sense input
43	BUSMUTE	O	C	IP BUS mute output
44	CSENS	I		Flap close sense input
45	PEE	O	C	Beep tone output
46	MUTE	O	C	Mute output
47	SYSPW	O	C	System power supply control output
48	PCK	O	C	PLL clock output
49	PCL	O	C	Clock adjustment output
50	PDO	O	C	Data output for PLL IC
51	PCE	O	C	Chip enable output for PLL IC
52	PDI	I		PLL data input
53	ST	I		Stereo input
54	LCDPW	O	C	LCD power supply control output
55	ADPW	O	C	A/D converter power supply output
56	TX	O	C	IP BUS data output
57	RX	I		IP BUS data input
58	IPPW	O	C	Power supply control output for IP BUS interface IC

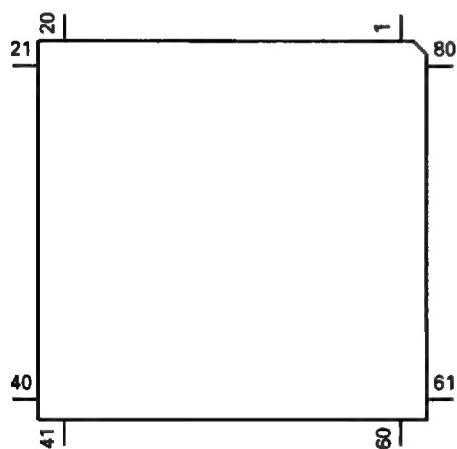
**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

Pin No.	Pin Name	I/O	Format	Function and Operation
59	SD	I		SD input
60	RESET	I		System reset input
61	RIDRDY	I		Ready input
62	BSENS	I		Back up power sense input
63	ASENS	I		ACC power sense input
64	DSENS	I		Grille detach sense
65	VST	O	C	Strobe pulse output for electronic volume
66	VDT	O	C	Data output for electronic volume
67	VCK	O	C	Clock output for electronic volume
68	VDD			Power supply
69	X2			Crystal oscillator connection pin
70	X1			Crystal oscillator connection pin
71	IC			GND
72	XT2			Not used
73	TESTIN	I		Test mode IN/test enable
74	AVDD			A/D converter analogue power supply
75	AVREF0	I		A/D converter standard voltage input
76	SL	I		Signal level input
77	SELO	I		Model select pin
78	PRSBSW	I		PRE OUT/SUB WOOFER select input
79	VDSENS	I		VD short detection input
80	TEMP	I		Temperature detector input

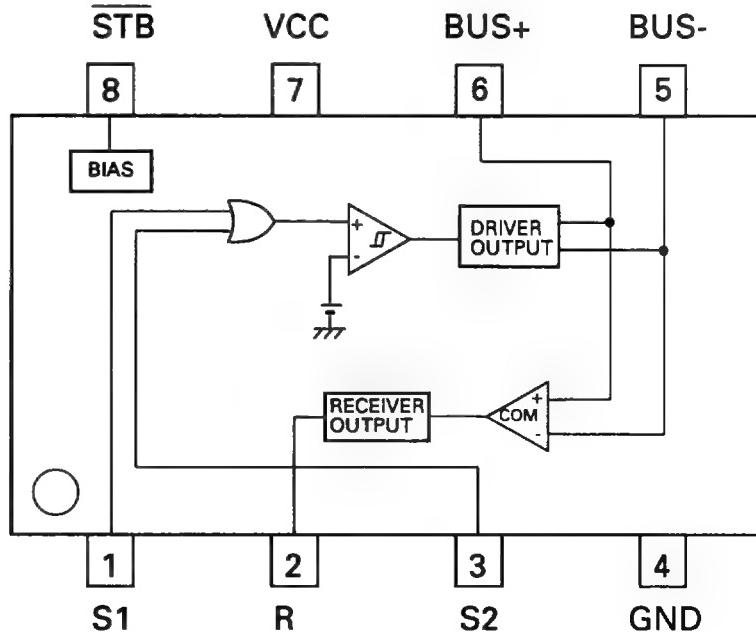
IC's marked by\* are MOS type.

Be careful in handling them because they are very liable to be damaged by electrostatic induction.

\*PD4635A, PD4636A



HA12187FP



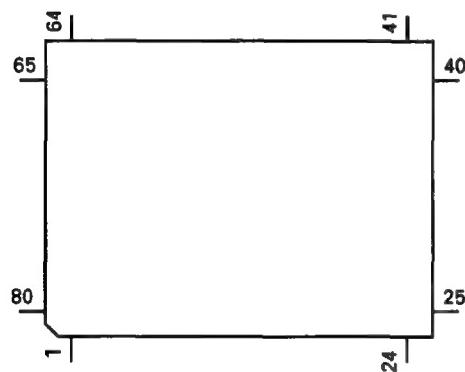
**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

● Pin Functions(PD6166A)

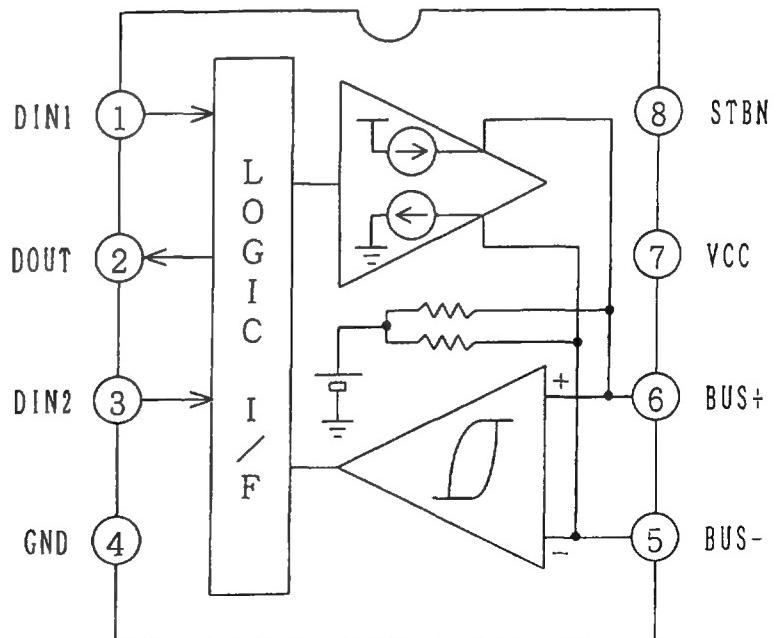
Pin No.	Pin Name	I/O	Format	Function and Operation
1	VSS			GND
2	X1			Crystal oscillator connection pin
3	X0			Crystal oscillator connection pin
4	RST	I		Reset
5	MOD1	I		Operation mode appointment input
6	MOD0	I		Operation mode appointment input
7	BACKILL	O	C	Illumination signal output
8	TX	O	C	Serial I/F data output
9	RX	I		Serial I/F data input
10	REM	I		Remote control reception
11,12	NC			Not used
13-16	KD4-1	O	C	Matrix key return
17-22	KS6-1	I		Matrix key strobe
23	VCC			5V
24-73	SEG49-0	O	C	LCD segment output
74-77	COM3-0	O	C	LCD common output
78-80	V3-1	I		LCD bias power supply

Format	Meaning
C	C MOS

\*PD6166A



CA0008AM

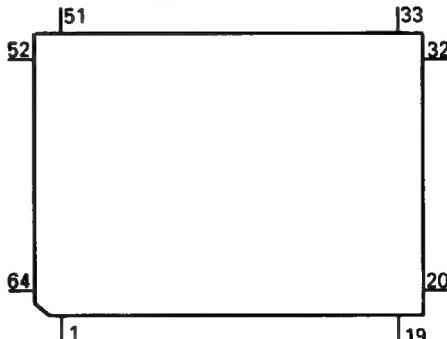


● Pin Functions(PD6164A)

Pin No.	Pin Name	I/O	Format	Function and Operation
1	PCK	O	N	PLL clock output
2	PDO	O	N	PLL data output
3	PDI	I		PLL data input
4	SL	I		Signal level input
5	NL	I		Noise level input
6	TRGL			Pull down
7	SOUND	I		Audio signal input
8	RMUTE	O	N	RDS mute output
9-11	OPEN			Not used
12	AVCC			Analog power supply
13	AVR			5V power supply
14	AVSS			A/D GND
15	IRSEL	I		Select input
16	RCK	I		RDS demodulation clock input
17	RDT	I		RDS demodulation data input
18	LDET	I		PLL lock sense input
19	RDSLK	I		RDS LK signal input
20	IRRST	I		Reset input
21	MODO	I		Ground
22	MOD1	I		Ground
23	XIN	I		Crystal oscillating element connection pin
24	XOUT	O		Crystal oscillating element connection pin
25	VSS			GND
26	DRST	O	C	Decoder reset output
27	L/S		C	Sensitivity of noise level select
28	CURRO	O	C	PLL-TV-Fix output
29	IRRDY	O	C	Communication ready output
30	RECEIVE			Not used
31	CORR			Not used
32	ERROR			Not used
33-39	OPEN			Not used
40	MUTCNT			Not used
41-49	OPEN			Not used
50	VSS			GND
51	TEST	I		Test terminal
52	IRCK	I		Clock input
53	IRDO	O	C	Communication data output
54	IRDI	I		Communication data input
55	PCE	O	C	Chip enable output for PLL IC
56	GD	O	C	Gate drive control output
57	VCC			5V
58	SD	I		SD signal input
59	MDSENS	I		Modulation detect input
60-64	OPEN			Not used

\*PD6164A

Format	Meaning
C	C MOS
N	N channel open drain



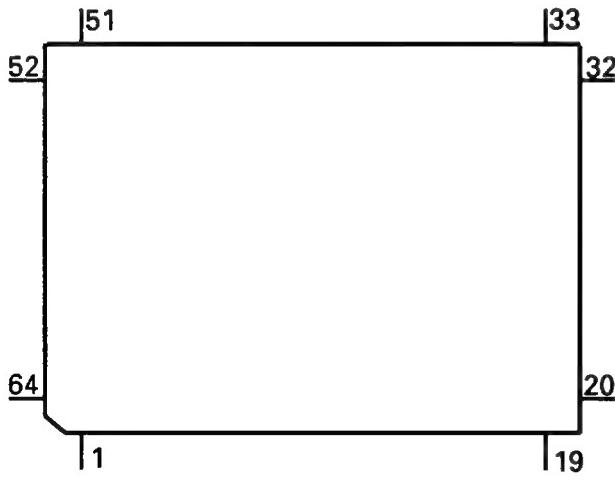
**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

● Pin Functions(PD6165A)

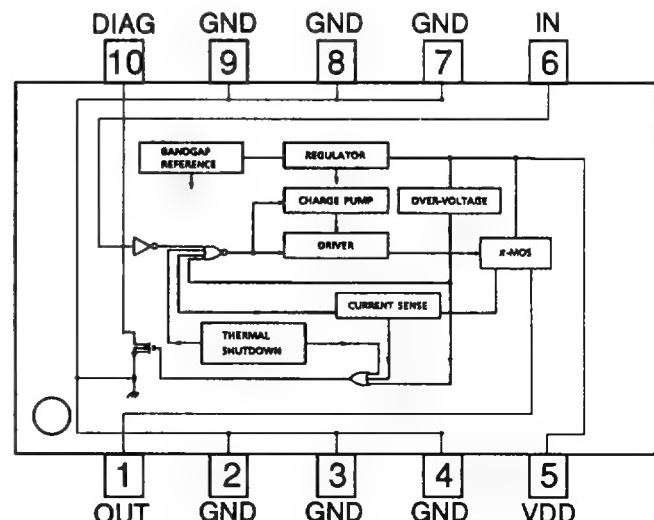
Pin No.	Pin Name	I/O	Format	Function and Operation
1-8	OPEN			Not used
9-11	ADD13-15	O	N	ROM address
12	AVCC			Analog power supply
13	AVR			5V power supply
14	AVSS			A/D GND
15	IRSEL	I		Select input
16-19	OPEN			Not used
20	IRRST	I		Reset input
21	MOD0			Ground
22	MOD1			Ground
23	XIN	I		Crystal oscillating element connection pin
24	XOUT	O		Crystal oscillating element connection pin
25	VSS			Ground
26-28	OPEN			Not used
29	IRRDY	O	C	Communication ready output
30	OE	O	C	ROM output control
31	ROMEN	O	C	ROM enable
32,33	ADD17,16	O	C	ROM address
34-41	ADD7-0	O	C	ROM address
42-49	DT7-0	I		ROM data input
50	VSS			Ground
51	TEST	I		Test terminal
52	IRSCK	I		Communication clock input
53	IRDO	O	C	Communication data output
54	IRDI	I		Communication data input
55,56	OPEN			Not used
57	VCC			5V
58,59	Open			Not used
60-64	ADD8-12	O	N	ROM address

Format	Meaning
C	C MOS
N	N channel open drain

\*PD6165A

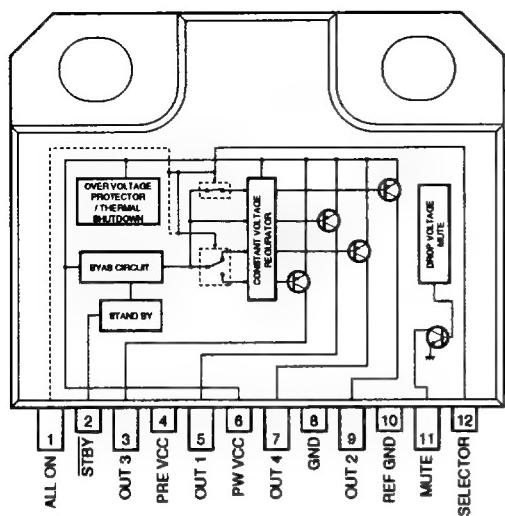


TPD1018F

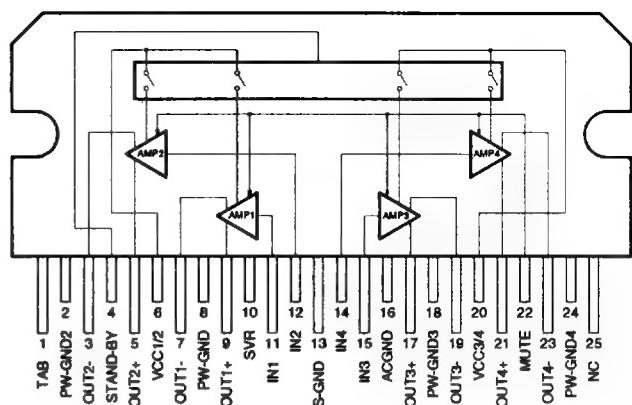


**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

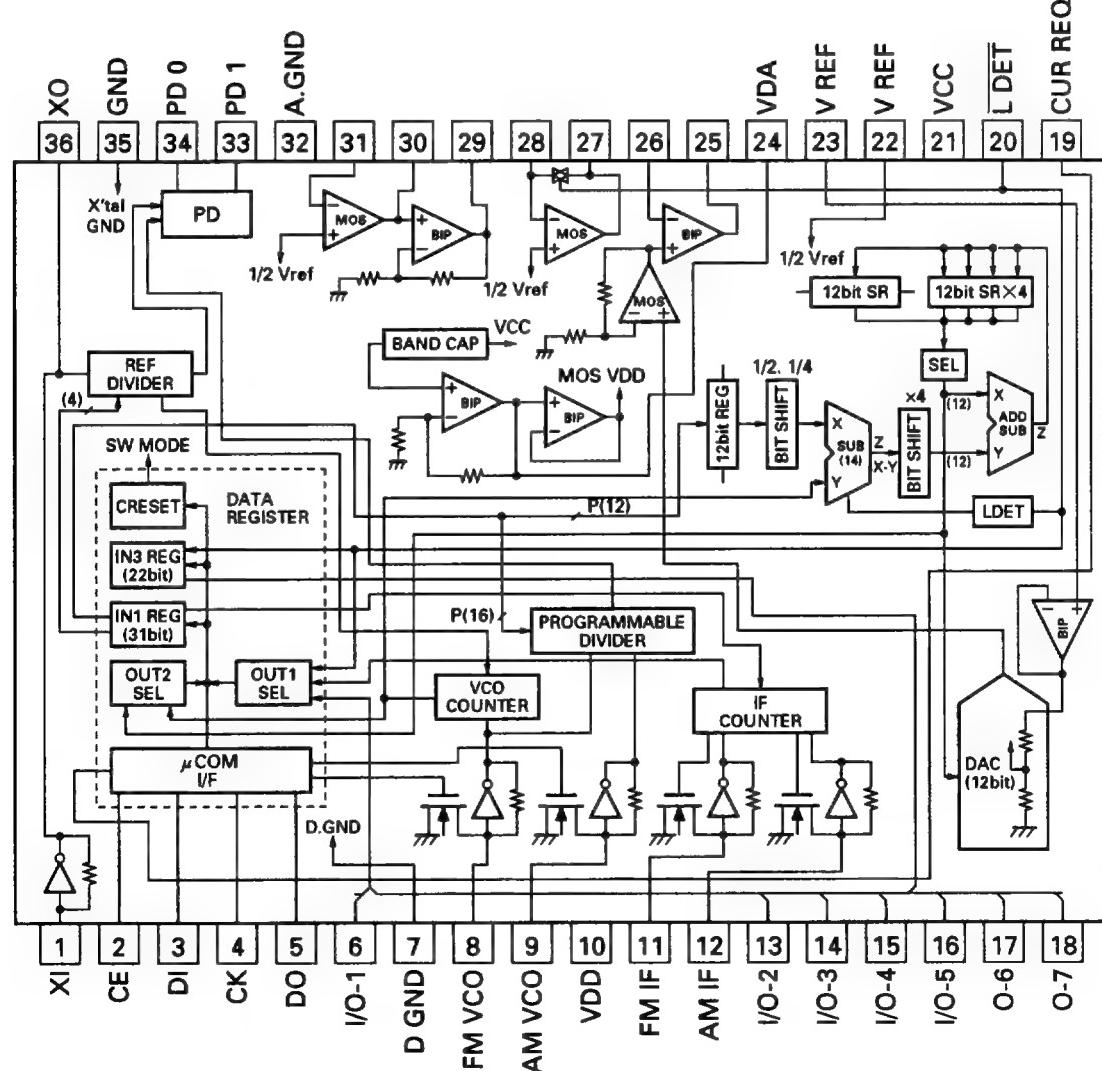
PA2024A



PAL003A



\*PM2004A



**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

● Pin Functions(PM0008AF)

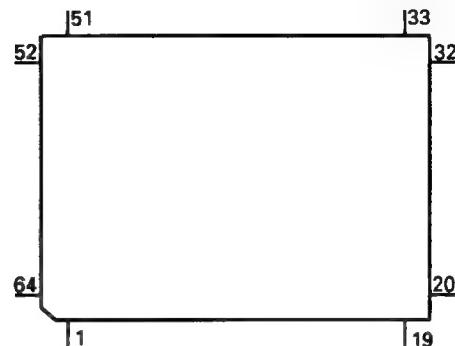
Pin No.	Pin Name	I/O	Format	Function and Operation
1	SWOUT_L	O		Selector and sound scape output
2	LOUD_L			Loudness
3	VRIN_L	I		Main volume input
4	TRE-CNT_L			Treble control
5	TONEOUT_L	O		Tone control output
6	FADERIN_L	I		Pre-fader input
7	MID-CNT_L			Middle control
8	MID-L_L			Inductor terminal
9	MID-DIF_L	I		Inductor terminal
10	BASS-CNT_L			Bass control
11	BASS-L_L			Inductor terminal
12	BASS-DIF_L	I		Inductor terminal
13	FMIN_L	I		Main input (front)
14	RMIN_L	I		Main input (rear)
15	MFOUT_L	O		Main output (front)
16	MROUT_L	O		Main output (rear)
17	PFOUT_L	O		Pre-output (front)
18	PROUT_L	O		Pre-output (rear)
19	PRE-OUT_L	O		Pre-output (fader)
20	FIE_L			Front image enhancer control
21	DVCC			Power supply (digital)
22	MUTE	O	C	System mute output
23	STB	O	C	LSI Strobe output
24	CLK	I		Master clock input
25	DATA	I		Serial data input
26	CT			Time select
27	DGND			Digital circuit GND
28	C1			Sub woofer LPF select
29	C3			Sub woofer LPF select
30	C2			Sub woofer LPF select
31	LPFOUT			Sub woofer LPF select
32	FIE_R			Front image enhancer control
33	PRE-OUT_R	O		Pre-output (fader)
34	PROUT_R	O		Pre-output (rear)
35	PFOUT_R	O		Pre-output (front)
36	MROUT_R	O		Main output (rear)
37	MFOUT_R	O		Main output (front)
38	RMIN_R	I		Main input (rear)
39	FMIN_R	I		Main input (front)
40	BASS-DIF_R	I		Inductor terminal
41	BASS-L_R			Inductor terminal
42	BASS-CNT_R			Bass control
43	MID-DIF_R	I		Inductor terminal
44	MID-L_R			Inductor terminal
45	MID-CNT_R			Middle control
46	FADERIN_R	I		Pre-fader input
47	TONEOUT_R	O		Tone control output
48	TRE-CNT_R			Treble control
49	VRIN_R	I		Main volume input
50	LOUD_R			Loudness
51	SWOUT_R	O		Selector and sound scape output
52	IN4_R	I		Sound scape volume input
53	IN3_R	I		Selector input
54	IN2_R	I		Selector input
55	IN1_R	I		Selector input
56	AVCC			Power supply (analogue)
57-59	NC			Not used
60	VREF			Noise cut terminal

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

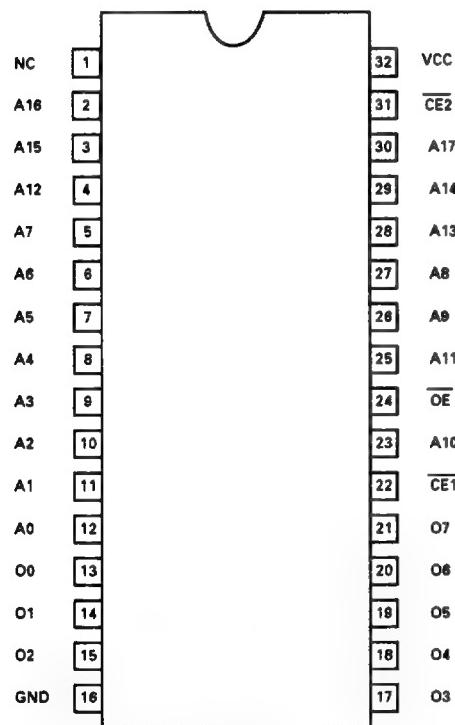
Pin No.	Pin Name	I/O	Format	Function and Operation
61	IN1_L	I		Selector input
62	IN2_L	I		Selector input
63	IN3_L	I		Selector input
64	IN4_L	I		Sound scape volume input

\*PM0008AF

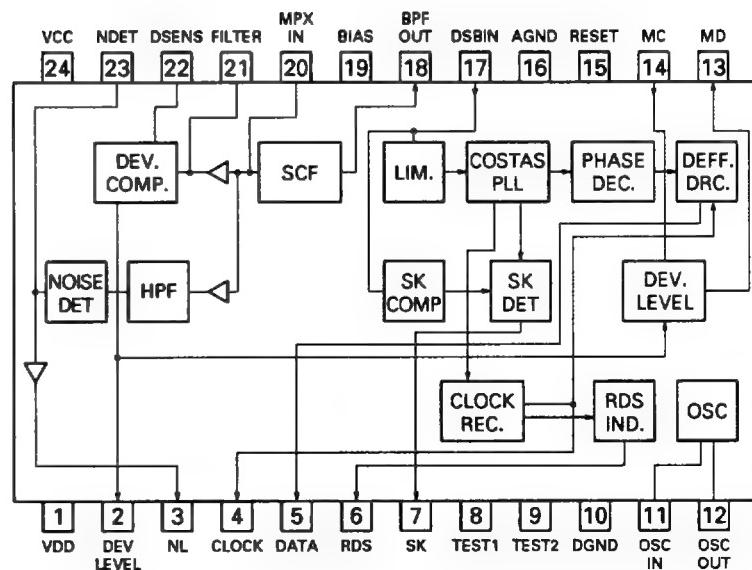
Format	Meaning
C	C MOS



\*PD4633A



\*PMW001A



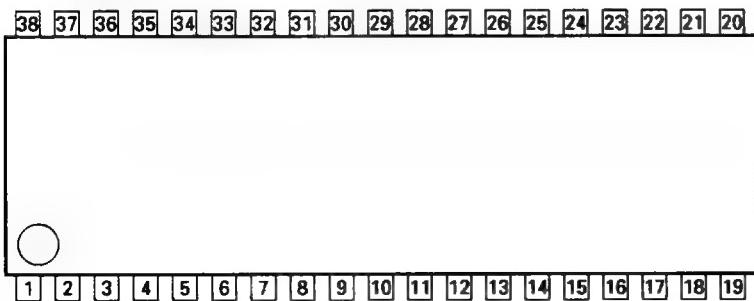
A0-A17:Address input  
00-07 :Data output  
CE1,2 :Chip enable input  
OE :Output enable input

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

● Pin Functions (UPC2572GS)

Pin No.	Pin Name	I/O	Function and Operation
1	EFM-IN	I	EFM comparator input
2	AGC-OUT	O	AGC amplifier output
3	C. AGC		Connects AGC peak detection condenser
4	RF-IN	I	RF signal DC component cut input
5	RF-OUT	O	RF amplifier output
6	RF-	I	RF amplifier inverted input
7	C1, 3T		Connects RF3T component detection condenser
8	C2, 3T		Connects RF3T component detection condenser
9	Vcc		Power supply
10	A	I	A signal input
11	C	I	C signal input
12	B	I	B signal input
13	D	I	D signal input
14	F	I	F signal input
15	E	I	E signal input
16	PD	I	APC amplifier input
17	LD	O	APC amplifier output
18	LDON	I	Laser diode ON/OFF input
19	VREF-OUT	O	Reference voltage output
20	VREF-IN	I	Reference voltage input
21	DET-OUT	O	Vibration detection circuit output
22	DET-IN	I	Vibration detection circuit input
23	TE-OUT2	O	Tracking error amplifier output (fourfold gain)
24	TE-OUT1	O	Tracking error amplifier output (singlefold gain)
25	TE-	I	Tracking error amplifier inverted input
26	GND		GND
27	FE-	I	Focus error amplifier inverted input
28	FE-OUT	O	Focus error amplifier output
29	C.FE	I	Focus error signal DC component cut input
30	3T-OUT	O	RF3T component output
31	MIRR	O	MIRR signal output
32	RFOK	O	RFOK signal output
33	DEFECT	O	DEFECT signal output
34	C. DEF		Connects DEFECT signal detection condenser
35	EFM-OUT	O	EFM comparator output
36	ASY	I	EFM comparator level input
37	TE-BAL	I	Tracking balance control
38	FE-BAL	I	Focus balance control

UPC2572GS



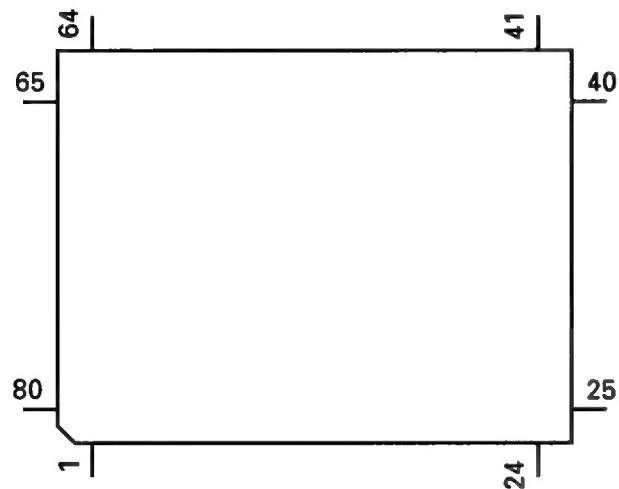
**● Pin Functions (UPD63702GF)**

Pin No.	Pin Name	I/O	Function and Operation
1	D.VDD		Supplies current of positive voltage to the logic circuits
2	RST	I	System reset input pin
3	AO	I	Microcomputer interface AO="L": STB active and set to address register AO="H": STB active and set to parameter
4	STB	I	Signal to latch serial data within the LSI
5	SCK	I	Clock input pin to input and output serial data
6	SO	O	Outputs serial data and status signal
7	SI	I	Serial data input pin
8	D.GND		Logic circuit GND
9	X.GND		Crystal oscillation circuit GND
10	XTAL	I	Crystal oscillator connection pin
11	XTAL	O	Crystal oscillator connection pin
12	X.VDD		Supplies current of positive voltage to the crystal oscillation circuit
13	DA.VDD		Supplies current of positive voltage to the D/A converter
14	R+	O	Right channel analog audio data output pin
15	R-	O	Right channel analog audio data output pin
16,17	DA.GND		D/A converter GND
18	L-	O	Left channel analog audio data output pin
19	L+	O	Left channel analog audio data output pin
20	DA.VDD		Supplies current of positive voltage to the D/A converter
21	D.VDD		Supplies current of positive voltage to logic circuit
22	FLAG	O	Flag output pin to indicate that audio data currently being output consists of noncorrectable data
23	WDCK	O	Pin to output double the frequency of LRCK
24	C16M	O	Pin to output the clock
25	EMPH	O	Output pin for the pre-emphasis data in the sub-Q code
26	DIN	I	Input pin for serial audio data
27	DOUT	O	Output pin for the serial audio data
28	SCKO	O	Output pin for the clock for the serial audio data
29	LRCK	O	Signals to distinguish the right and left channels of the audio data output from DOUT. Frequency is 44.1kHz at 50% duty at normal regeneration
30	TX	O	Output pin for the digital audio interface data
31	CTLV	I	Oscillation control pin for high-frequency clock generation VCO used for the digital PLL upon regeneration at fast speed of 2- or 4-fold
32	POUT	O	Output point for phase comparison
33	D.GND		GND for the logic circuit
34	VCO	I	Input pin for the inverter
35	VCO	O	Output pin for the inverter
36	D.VDD		Supplies current of positive voltage to the logic circuit
37	PLCK	O	Pin for monitoring the bit clock
38	LOCK	O	Indicates "H" when the synchronized pattern detection signal matches the frame counter output at the EFM recovery modulation, and "L" when they don't match
39	WFCK	O	Minute-cycle signal for the bit clock, the signal indicates the cycle of 1 frame (approx. 7.35kHz)
40	RFCK	O	Minute-cycle signal for the clock, the signal indicates cycle of 1 frame (approx. 7.35kHz)
41	D.GND		GND for the logic circuit
42,43	TEST0,1	I	Test pins
44,45	TM2, TM4	I	Pins for controlling regeneration at fast speed of 2- or 4-fold
46-49	T4-T7	I	Test pins
50,51	C1D1, C1D2	O	Output pin for indicating the C1 error correction results
52-54	C2D1-C2D3	O	Output pin for indicating the C2 error correction results
55	D.VDD		Supplies current of positive voltage to the logic circuit
56	SFSY	O	Outputs 1 word of the subcode. Generally, 1 cycle is approx 136 micro seconds
57	SBSY	O	The signal indicates the beginning of the subcode block. The SFSY signal is output at high level every 98 times
58	SBSO	O	Output pin for the subcode data

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

Pin No.	Pin Name	I/O	Function and Operation
59	SBCK	I	Input pin for the clock signal for read-out of the subcode data
60	A.GND		GND for the analog circuit
61	MD	O	Output pin for the spindle drive
62	SD	O	Output pin for the sled drive
63	TD	O	Output pin for the tracking drive
64	FD	O	Output pin for the focus drive
65	FBAL	O	Output pin for the focus balance control
66	TBAL	O	Output pin for the tracking balance control
67	A.VDD		Supplies current of positive voltage to the analog circuit
68	TBC	I	Switches coefficient banks for the tracking filter
69	EFM	I	Input pin for the EFM signal
70	HOLD	I	Input pin for the hold control signal
71	RFOK	I	Input pin for the RFOK signal
72	MIRR	I	Input pin for the MIRR signal
73	A.GND		GND for the analog circuit
74,75	VR2,1	I	The signal input through these pins is digitized to 8-bit by the A/D converter, which by operation of the assigned register, can be read into the microcomputer
76	FE	I	Inputs a focus-error signal from the RF amplifier
77	TE	I	Inputs a tracking-error signal from the RF amplifier
78	TEC	I	Input pin for the tracking comparator
79	REFOUT	O	Output point for midpoint potential for the A/D converter for the LSI portion
80	A.VDD		Supplies current of accurate voltage to the analog circuit

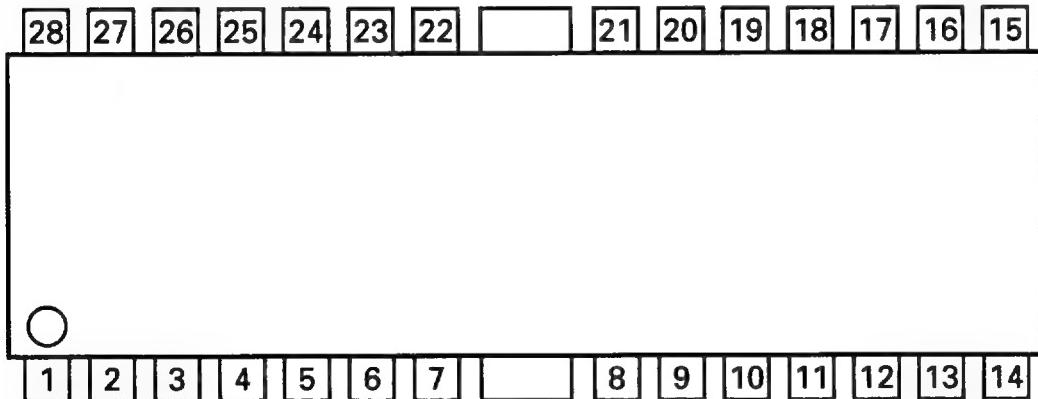
\*UPD63702GF



● Pin Functions (XLA6997FP)

Pin No.	Pin Name	I/O	Function and Operation
1	OUT1-A	O	CH1 driver output
2	OUT1-B	O	CH1 driver output
3	IN1	I	CH1 input
4	IN1'	I	CH1 gain adjustment input
5	REG-B		PowTr base connection pin for regulator
6	REG OUT	O	Regulator output PowTr collector connection pin
7	REG GND		Regulator GND/Common circuit GND
8	BIAS	I	BIAS input
9	MUTE		Mute control pin
10	REG SW		Regulator switch pin
11	TEMP MON		Humidity monitor pin
12	IN2	I	CH2 input
13	OUT2-B	O	CH2 driver output
14	OUT2-A	O	CH2 driver output
15	GND		GND
16	OUT3-A	O	CH3 driver output
17	OUT3-B	O	CH3 driver output
18	IN3''		CH3 gain adjustment pin
19	IN3'		CH3 gain adjustment pin
20	IN3	I	CH3 input
21,22	VCC		VCC
23	IN4	I	CH4 input
24	IN4'		CH4 gain adjustment pin
25	IN4''		CH4 gain adjustment pin
26	OUT4-B	O	CH4 driver output
27	OUT4-A	O	CH4 driver output
28	GND		GND

XLA6997FP



## 8. LCD

- CAW1337 (DEH-P725R/EW)
- CAW1364 (DEH-P725R-W/EW, DEX-P77R/EW)

SEGMENT

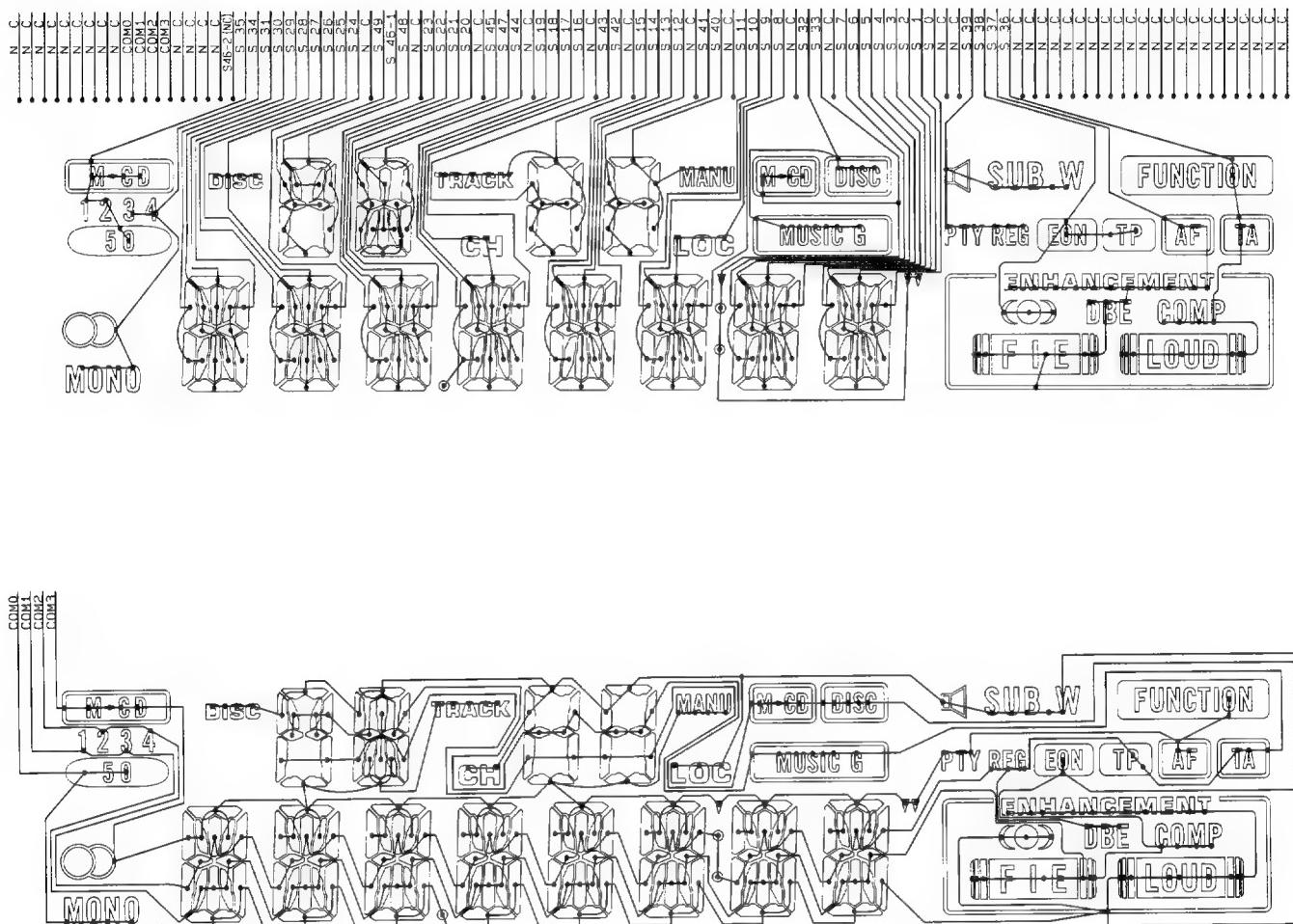


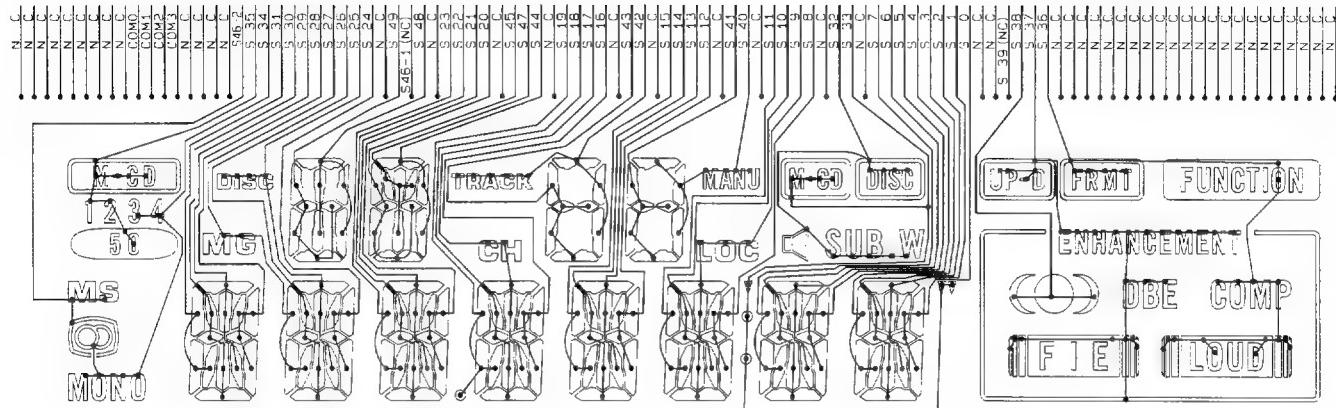
Fig. 5

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

● CAW1338 (DEH-P725/UC, P723/ES, P625/UC)

● CAW1366 (DEH-P725-W/UC)

**SEGMENT**



**COMMON**

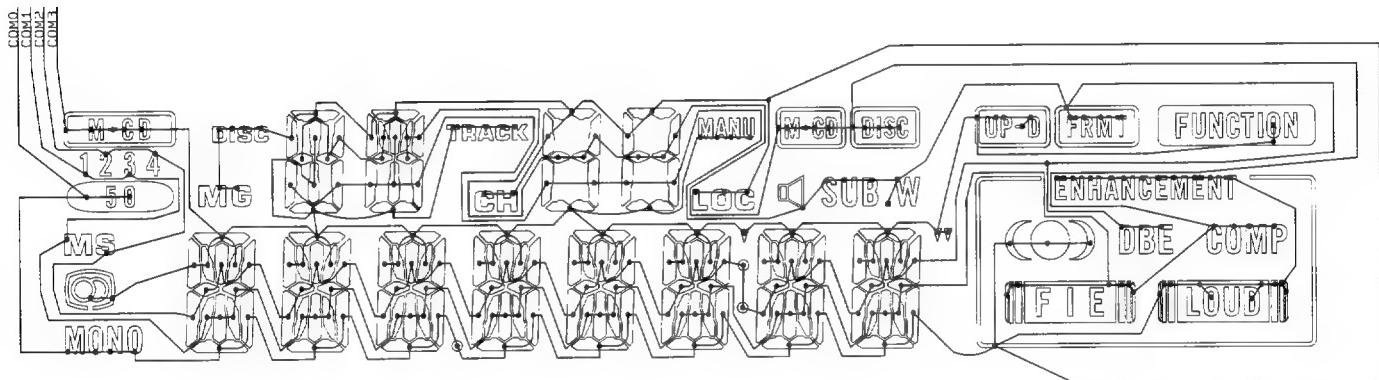
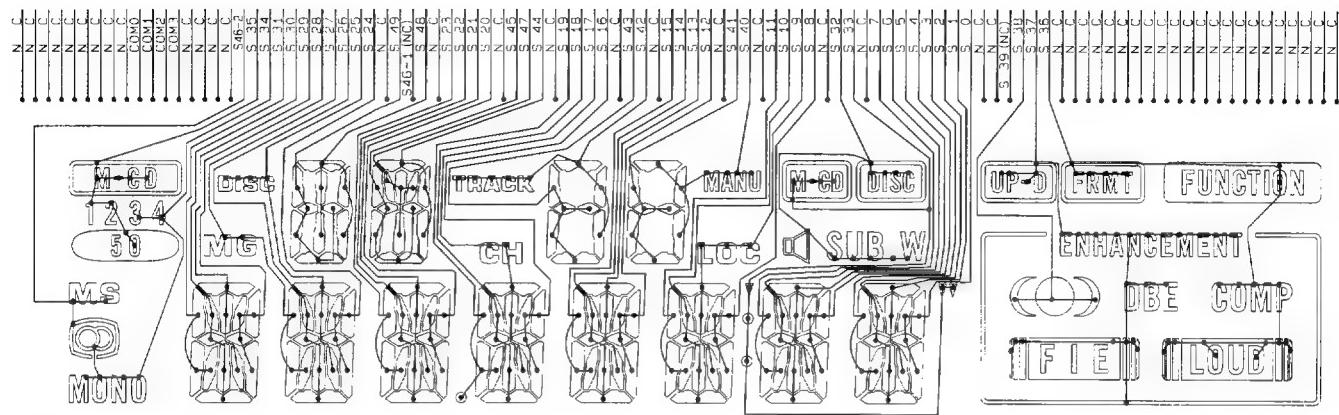


Fig. 6

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

● CAW1365 (DEX-P88/UC)

SEGMENT



COMMON

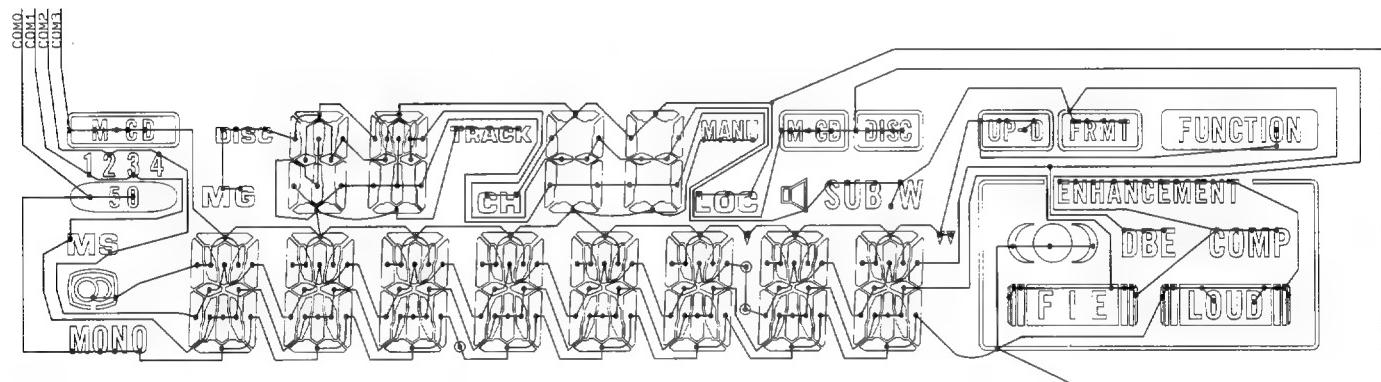


Fig. 7

## 9. ELECTRICAL PARTS LIST

**NOTE:**

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

**Chip Resistor**

RS1/OS000J,RS1/OOS000J

**Chip Capacitor (except for CQS.....)**

CKS....., CCS....., CSZS.....

=====Circuit Symbol & No. Part Name=====			Part No.	=====Circuit Symbol & No. Part Name=====			Part No.
<b>Unit Number : CWE1416</b>				<b>R 61</b>			RS1/16S392J
<b>Unit Name : FM/AM Tuner Unit(EW Model)</b>				<b>R 62 152</b>			RS1/16S393J
<b>MISCELLANEOUS</b>				<b>R 101</b>			RS1/16S272J
<b>IC 1</b>			PA4023A	<b>R 102</b>			RS1/16S682J
<b>IC 2</b>			PA4024A	<b>R 103</b>			RS1/16S333J
<b>Q 1 31 165 202</b>			2SC2412KLN	<b>R 104</b>			RS1/16S334J
<b>Q 2 154 203</b>			DTC124EU	<b>R 105</b>			RS1/16S683J
<b>Q 3</b>			3SK263	<b>R 107</b>			RS1/16S222J
<b>Q 201</b>			2SK932	<b>R 151</b>			RS1/16S222J
<b>D 4</b>			1SV251	<b>R 154 239</b>			RS1/16S104J
<b>D 5 7 8</b>			KV1410	<b>R 155</b>			RS1/16S273J
<b>D 6 201 202</b>			MA157	<b>R 156</b>			RS1/16S243J
<b>D 231</b>			SVC253	<b>R 157</b>			RS1/16S203J
<b>L 2 4</b>			CTC1108	<b>R 160</b>			RS1/16S222J
<b>L 3</b>	Inductor		LCTB2R2K2125	<b>R 161</b>			RS1/16S563J
<b>L 5</b>	Coil		CTC1107	<b>R 162</b>			RS1/16S105J
<b>L 6</b>	Inductor		LCTBR15K1608	<b>R 163</b>			RS1/16S222J
<b>L 51</b>	Ferri-Inductor		LAU150K	<b>R 203</b>			RS1/16S225J
<b>L 201</b>	Ferri-Inductor		LAU4R7K	<b>R 204</b>			RS1/16S103J
<b>L 202</b>	Ferri-Inductor		LAU330K	<b>R 206</b>			RS1/16S220J
<b>L 203</b>	Inductor		CTF1287	<b>R 207</b>			RS1/16S101J
<b>L 208</b>	Inductor		LAU121K	<b>R 208 217</b>			RS1/16S102J
<b>L 231</b>	Inductor		LAU3R3J	<b>R 209</b>			RS1/16S471J
<b>T 214</b>	Inductor		LAU4R7K	<b>R 214</b>			RS1/16S822J
<b>T 231</b>	Inductor		LAU330K	<b>R 231</b>			RS1/16S272J
<b>T 51</b>	Coil		CTE1116	<b>R 232</b>			RS1/16S473J
<b>TC 1</b>	Trimmer		CTC1136	<b>R 237</b>			RS1/16S103J
<b>CF 51 52 53</b>	Ceramic Filter		CCL1042	<b>R 238</b>			RS1/16S104J
<b>CF 232</b>	Ceramic Filter		CTF1292	<b>R 240</b>			RS1/16S332J
<b>X 151</b>	Ceramic Resonator 920.5kHz		CSS1365	<b>R 241</b>			RS1/16S202J
<b>X 231</b>	Crystal Resonator 10.26MHz		CSS1111	<b>R 244</b>			RS1/16S103J
<b>VR 154</b>	Semi-fixed 68kΩ(B)		CCP1211				
<b>AR 1</b>	Capacitor with Discharge Gap		DSP-201M	<b>CAPACITORS</b>			
<b>RESISTORS</b>				<b>C 1</b>	CCSQCH060D50		
<b>R 1</b>			RS1/16S0R0J	<b>C 2</b>	CCSRCH020C50		
<b>R 4</b>			RS1/16S154J	<b>C 4</b>	CCSRCH820J50		
<b>R 5</b>			RS1/16S391J	<b>C 6</b>	CCSRCH820J50		
<b>R 6 10 202</b>			RS1/16S223J	<b>C 8 18 25 31 52 59 62 105 107 213</b>	CKSRYB103K25		
<b>R 7 243 247</b>			RS1/16S123J	<b>C 9 34 56 152 160 241</b>	CKSQYB104K16		
<b>R 8 17</b>			RS1/16S332J	<b>C 10</b>	CCSRCH0R5C50		
<b>R 9</b>			RS1/16S473J	<b>C 11</b>	CEA010M50LL		
<b>R 11</b>			RS1/16S124J	<b>C 12 13 17 19 20</b>	CKSRYB222K50		
<b>R 13</b>			RS1/16S563J	<b>C 14</b>	CCSRCH220J50		
<b>R 15</b>			RS1/16S271J	<b>C 16</b>	CCSRCH080D50		
<b>R 16</b>			RS1/16S104J	<b>C 21</b>	CEA100M16LL		
<b>R 18</b>			RS1/16S332J	<b>C 22</b>	CCSRTH090D50		
<b>R 31</b>			RS1/16S470J	<b>C 23</b>	CCSRTH120J50		
<b>R 32 215</b>			RS1/16S822J	<b>C 24</b>	CCSRCH471J50		
<b>R 33</b>			RS1/16S822J	<b>C 32</b>	CKSQYB472K50		
<b>R 34 35</b>			RS1/16S331J	<b>C 33</b>	CCSRCH050C50		
<b>R 51</b>			RS1/16S271J	<b>C 36</b>	CCSRRH201J50		
<b>R 52</b>			RS1/16S560J	<b>C 51</b>	CKSRYB223K25		
<b>R 55</b>			RS1/16S102J	<b>C 54</b>	CCSRCH470J50		
<b>R 56</b>			RS1/16S823J				

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====		Part No.	=====Circuit Symbol & No. Part Name=====		Part No.
C 55		CKSQYB223K25	T 31	Coil	CTE1116
C 57		CKSRYB472K50	T 51	Coil	CTC1136
C 58 234		CEA330M10LL	CF 51 52 53	Ceramic Filter	CTF1290
C 61		CCSRCH270J50	CF 232	Ceramic Filter	CTF1348
C 63		CEAR15M50LL	X 151	Ceramic Resonator 920.5kHz	CSS1365
C 101		CEA100M10NPLL	X 231	Crystal Resonator 10.26MHz	CSS1111
C 102		CKSRYB182K50	VR 154	Semi-fixed 68kΩ(B)	CCP1211
C 103		CKSRYB682K25			
C 104		CEA2R2M50LL		RESISTORS	
C 106		CCSRCH151J50	R 1 2		RS1/16S225J
C 151		CKSRYB472K50	R 4		RS1/16S154J
C 153 157		CEA3R3M50LL	R 5		RS1/16S391J
C 154		CKSQYB104K16	R 6 10 202		RS1/16S223J
C 158		CKSYB474K16	R 7 247		RS1/16S123J
C 159		CEA220M6R3LL			
C 161 209		CKSQYB104K16	R 8 17		RS1/16S332J
C 162		CEA3R3M50LL	R 9		RS1/16S473J
C 163		CKSRYB102K50	R 11		RS1/16S124J
C 170 202		CCSRCH100D50	R 13		RS1/16S563J
C 201 250		CCSRCH471J50	R 15		RS1/16S271J
C 203 235		CKSRYB332K50	R 16		RS1/16S104J
C 204 205 236 244		CKSQYB473K16	R 18		RS1/16S332J
C 206 233		CKSQYB104K16	R 31		RS1/16S470J
C 207		CCSRCH560J50	R 32 215		RS1/16S822J
C 211		CCSRCH101J50	R 33		RS1/16S822J
C 212		CEA470M6R3LL	R 34 35		RS1/16S331J
C 216		CCSRCH101J50	R 51		RS1/16S271J
C 217		CEA1R5M50LL	R 52		RS1/16S560J
C 219		CCSRCH471J50	R 55		RS1/16S102J
C 220 230		CKSRYB103K25	R 56		RS1/16S823J
C 231		CCSRCH330J50	R 61		RS1/16S392J
C 232		CCSRCH150J50	R 62		RS1/16S273J
C 237		CCSRCH180J50	R 101		RS1/16S272J
C 239		CKSRYB472K50	R 102		RS1/16S682J
C 240 242		CEAR47M50LL	R 103		RS1/16S333J
C 243		CEAR33M50LL	R 104		RS1/16S334J
C 245		CKSRYB123K25	R 105		RS1/16S683J
C 246		CKSQYB473K16	R 107		RS1/16S222J
			R 151		RS1/16S222J
			R 152		RS1/16S393J
Unit Number : CWE1417					
Unit Name : FM/AM Tuner Unit(UC,ES Model)					
MISCELLANEOUS					
IC 1		PA4023A	R 239		RS1/16S104J
IC 2		PA4024A	R 155		RS1/16S273J
Q 1 31 202		2SC2412KLN	R 156		RS1/16S243J
Q 2 203		DTC124EU	R 157		RS1/16S203J
Q 3		3SK263	R 160		RS1/16S222J
Q 201	1 2	2SK932	R 161		RS1/16S563J
D 4		RD39JS	R 162		RS1/16S105J
D 5 7 8		1SV251	R 206		RS1/16S220J
D 6 201 202		KV1410	R 207		RS1/16S101J
		MA157	R 208 217		RS1/16S102J
D 231	2 4	SVC253	R 209		RS1/16S471J
L 3	Inductor	CTC1108	R 214		RS1/16S822J
L 5	Coil	LCTB2R2K2125	R 231		RS1/16S272J
L 51	Ferri-Inductor	CTC1107	R 232		RS1/16S473J
L 201	Ferri-Inductor	LAU150K	R 237		RS1/16S103J
L 202	Ferri-Inductor		R 238		RS1/16S104J
L 203	Inductor	LAU4R7K	R 239		RS1/16S104J
L 208	Inductor	LAU30K			RS1/16S332J
L 231	Inductor	CTF1287	R 240		RS1/16S202J
		LAU121K	R 241		RS1/16S183J
		LAU3R3J	R 243		RS1/16S472J
			R 244		

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====												Part No.	=====Circuit Symbol & No. Part Name=====												
<b>CAPACITORS</b>													<b>Unit Number : CWX1922(DEX-P77R,P88)</b> <b>Unit Name : High Output Unit</b>												
C 1													C 1												
C 2													CCSQCH060D50												
C 4													CCSRCH020C50												
C 6													CCSRCH820J50												
C 8	18	25	31	52	59	62	105	107	213				CCSRCH820J50												
													CKSRYB103K25												
C 9	34	56	152	160	241								CKSQYB104K16												
C 10													CCSRCH05C50												
C 11													CEA010M50LL												
C 12	13	17	19	20									CKSRYB222K50												
C 14													CCSRCH220J50												
C 15													CCSRCH060D50												
C 16													CCSRCH080D50												
C 21													CEA100M16LL												
C 22													CCSRTH090D50												
C 23													CCSRTH120J50												
C 24													CCSRCH471J50												
C 26													CCSRCH101J50												
C 32													CKSQYB472K50												
C 33													CCSRCH050C50												
C 36													CCSRRH201J50												
C 51													CKSRYB223K25												
C 54													CCSRCH470J50												
C 55													CKSQYB223K25												
C 57													CKSRYB472K50												
C 58	234												CEA330M10LL												
C 60													CKSRYB102K50												
C 61													CKSRYB102K50												
C 63													CEAR22M50LL												
C 101													CEA100M10NPLL												
C 102													CKSRYB182K50												
C 103													CKSRYB682K25												
C 104													CEA2R2M50LL												
C 106													CCSRCH151J50												
C 151													CKSRYB472K50												
C 153	157												CEA3R3M50LL												
C 154													CKSQYB104K16												
C 158													CKSYB474K16												
C 159													CEA220M6R3LL												
C 161	209												CKSQYB104K16												
C 162													CEA3R3M50LL												
C 163													CKSRYB102K50												
C 170	202												CCSRCH100D50												
C 201	250												CCSRCH471J50												
C 203	235												CKSRYB332K50												
C 204	205	236	244										CKSQYB473K16												
C 206	233												CKSQYB104K16												
C 207													CCSRCH560J50												
C 211													CCSRCH101J50												
C 212													CEA470M6R3LL												
C 216													CCSRCH101J50												
C 217													CEA1R5M50LL												
C 219													CCSRCH471J50												
C 220	230												CKSRYB103K25												
C 231													CCSRCH330J50												
C 232													CCSRCH150J50												
C 237													CCSRCH180J50												
C 239													CKSRYB472K50												
C 240	242												CEAR47M50LL												
C 243													CEAR33M50LL												
C 245													CKSRYB183K25												
C 246													CKSQYB473K16												
															C 4001 4003 4006 4008 33μF/25V										
														C 4002 4005 4009 4010 4014											
														C 4004											
														C 4011											
														C 4012											
														C 4013											

# DEH-P725R, P725R-W, P725, P725-W, P723, P625, DEX-P88, P77R

=====Circuit Symbol & No. Part Name=====		Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
Unit Number :			Q 402	2SA1037K
Unit Name : Key Board P.C.Board(DEH-P725R/EW)			Q 403	DTC124EK
MISCELLANEOUS			Q 433 434	2SD1757K
IC 1901		PD6166A	Q 501 653 665 667	2SC2412K
IC 1902		RS-30	Q 502	DTC124EK
Q 1901		2SC2712	Q 551	IMH1A
D 1901 1902		MA153	Q 602 761	DTC124EK
D 1903	Chip LED	CL170FGCD	Q 603	DTA114EK
D 1904 1905 1906 1907	Chip LED	CL170FGCD	Q 651 662 845 981	IMD2A
D 1908 1909 1910 1911	Chip LED	CL170FGCD	Q 661 670	2SC3295
D 1912 1913 1914 1915	Chip LED	CL170FGCD	Q 664 911	2SD1760F5
D 1916 1917 1918 1919	Chip LED	CL170FGCD	Q 666	2SB1238
D 1920 1921 1922 1923	Chip LED	CL170FGCD	Q 668	2SD1864
D 1925 1926 1927 1928	Chip LED	CL170FGCD	Q 669 941	2SA1037K
D 1928 1929 1930 1931	Chip LED	CL170FGCD	Q 701	DTC143TK
D 1932 1933 1934 1935	Chip LED	CL170FGCD	Q 831 833	IMH3A
L 1901	Inductor	LCTA4R7K4532	Q 951	IMX1
X 1901		CSS1084	Q 983	2SD2396
S 1901	Switch	CSG1043	Q 991	2SC2412K
S 1902 1903 1904 1908	Switch	CSG1043	D 431	DAN212K
S 1905 1906 1907 1909	Switch	CSG1041	D 501 661 941 971	DAN202K
S 1910 1911 1913 1914	Switch	CSG1041	D 651 652 901 902 911 921 922	ERA15-02VH
S 1912 1916 1920 1921	Switch	CSG1043	D 654 LED	BR4361F
S 1915 1917 1918 1919	Switch	CSG1041	D 662 666 667 668	DA204K
S 1922 1923 1924	Switch	CSG1043	D 663 665	MA3062M
LCD1901	LCD	CEL1424	D 664	MA3039L
		CAW1337	D 701	MA3047M
RESISTORS			D 702	DAN212K
R 1901 1902		RS1/2S222J	D 836 837	DAP202K
R 1903		RS1/10S121J	D 912	HZS6LB1
R 1904		RS1/8S151J		
R 1905		RS1/10S103J		
R 1906		RS1/10S102J		
R 1907 1908		RS1/10S472J	D 951	MA3082L
R 1909		RS1/10S2R2J	D 952	MA3075H
R 1910		RS1/10S272J	D 961	DAN212K
R 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920		RS1/10S470J	D 982	HZS9LB1
R 1921 1922 1923 1924 1925 1926 1928 1929 1930		RS1/4S391J	L 501 503 601 602 Ferri-Inductor	LAU2R2K
R 1927 1931		RS1/2S471J	L 502	CTF-157
CAPACITORS			L 661	CTT1038
C 1901 1902		CSZS100M6R3	L 651 662 941	LAU2R2K
C 1903 1904 1905 1906		CKSQYB103K25	L 701	LAU101K
			L 703	LCTB2R2K3216
Unit Number : CWX1916(DEH-P725R/EW, P725R-W/EW)				
Unit Name : Tuner Amp Unit				
MISCELLANEOUS				
IC 401		TA2050S	TC 601	CCL1017
IC 402		HA12187FP	TH 601	CCX1031
IC 451		PM0008AF	X 501	Crystal 7.200MHz
IC 501		PM2004A	X 601	Oscillator 6.291456MHz
IC 551		PAL003A	X 701	Crystal Resonator 4.332MHz
IC 601		PD4636A	S 961	Switch(Reset)
IC 701		PD6164A	IL 661	Lamp 40mA 14V
IC 703		PMW001A	VR 701	Semi-fixed 2.2kΩ(B)
IC 704		SC14SU69F		FM/AM TunerUnit
IC 761 762 763		NJM4558MD	EF 901	EMI Filter
IC 764		TC4066BF		
IC 765		NJM4558MD		
IC 921		TPD1018F		
IC 961		S-80734ANDY!		
IC 971		PA2024A		
			BZ 601	Buzzer
				CPV1011
				RESISTORS
			R 401 402 455 456	RS1/16S101J
			R 403	RS1/16S620J
			R 404 504 704	RS1/16S222J
			R 405 406 414 415 419 420 457 493 494 525	RS1/16S102J
			R 407 408	RS1/16S473J
			R 409	RS1/16S223J
			R 410 411 461 521 522 523 615 798 799	RS1/16S472J
			R 412 417	RS1/16S181J
			R 413 416 619 655 677 755 756 831 832	RS1/16S223J
			R 421 422	RS1/16S332J
			R 423 511	RS1/16S103J
			R 433 434	RS1/16S223J
			R 435 436	RS1/16S224J
			R 437	RS1/16S824J
			R 439 440 451 452	RS1/16S272J

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====		Part No.	=====Circuit Symbol & No. Part Name=====		Part No.
R 441 442		RS1/16S0R0J	R 770		RS1/16S331J
R 443 444		RS1/16S222J	R 771		RS1/16S561J
R 445 446 518		RS1/16S0R0J	R 773		RS1/16S471J
R 453 454		RS1/16S151J	R 775 781		RS1/16S1213F
R 458 551 553 661 672 686 883 912		RS1/16S103J	R 776 780		RS1/16S8252F
R 462		RA3C472J	R 777 782		RS1/16S1003F
R 495 496 750		RS1/16S333J	R 778 783		RS1/16S2002F
R 501 509 733 885 886		RS1/16S0R0J	R 779 784		RS1/16S4322F
R 502 507 774 942 943 973 974 984		RS1/16S472J	R 785		RS1/16S362J
R 503 505 601 602 604 663 678 714 715		RS1/16S222J	R 786		RS1/16S2742F
R 506		RS1/16S681J	R 787		RS1/16S2002F
R 508		RS1/16S682J	R 788 789		RS1/16S2212F
R 510		RS1/16S561J	R 790		RS1/16S333J
R 512		RS1/16S222J	R 791		RS1/16S333J
R 513 772		RS1/16S152J	R 792 793		RS1/16S473J
R 514		RS1/16S392J	R 794 795		RS1/16S473J
R 515		RS1/16S392J	R 833 834 839 840		RS1/16S821J
R 516		RS1/16S102J	R 835 836		RS1/16S473J
R 517 638 731 944		RS1/16S102J	R 881		RS1/10S182J
R 519		RS1/16S472J	R 911		RS1/10S101J
R 520		RS1/16S562J	R 921 991 993		RS1/10S103J
R 524 609 616 625 632 649 721		RS1/16S473J	R 941		RS1/10S183J
R 526		RS1/16S562J	R 951 953		RS1/10S473J
R 527 629 630 633 637 639 652 746 747 748		RS1/16S102J	R 952 954		RS1/10S223J
R 528		RS1/16S473J	R 962		RS1/16S124J
R 530		RS1/16S682J	R 981		RD1/4PU221J
R 531		RS1/16S102J	R 982		RS1/10S221J
R 534		RS1/16S472J	R 983		RS1/16S122J
R 535		RS1/16S272J	R 992		RS1/10S472J
R 536		RS1/16S103J		CAPACITORS	
R 537		RS1/16S332J	C 401 402 462 489 492 559 607 710 713		CKSQYB104K16
R 538		RS1/16S0R0J	C 403 415 416 711		CKSQYB102K50
R 552		RS1/16S221J	C 404 407 485 486 560 662 664 709		CEA100M16LL
R 554		RS1/16S101J	C 405 406 409 413 414 437 438 439 440		CEA010M50LL
R 605 606 607 608		RS1/16S681J	C 441 442 523 528 663		CKSQYB223K25
R 610 611 612 613 614 618 620 621 622 623		RS1/16S473J	C 443		CKSQYB103K25
R 626		RN1/10SE223D	C 451 452		CKSQYB822K50
R 627		RS1/16S393J	C 453 454 556 561 714		CEA010M50LL
R 628 631 635 653 690 706 732 882		RS1/16S473J	C 457 458		CKSQYB152K50
R 636 708 713 716 725		RS1/16S681J	C 459 460 467 468		CEA100M10NPLL
R 651		RS1/16S103J	C 461 913 972 974		CEA470M10LL
R 656		RS1/16S272J	C 463		CEA100M16LL
R 662 685		RS1/16S224J	C 464 961		CEA2R2M50LL
R 667		RS1P100JL	C 465 466		CKSQYB183K25
R 668		RD1/4PU471J	C 469 470		CKSYB334K16
R 669 682		RS1/10S222J	C 471 472 510 512 514 520 525 526 652 661		CKSQYB103K25
R 670		RS1P681JL	C 473 474		CKSYB105K16
R 673		RS1/16S204J	C 475 476		CKSQYB823K25
R 674 971		RS1/16S104J	C 481 482		CEA4R7M35LL
R 675		RS1/10S241J	C 487 488		CKSQYB333K25
R 676		RS1/10S512J	C 490		CKSQYB562K50
R 679		RS1/8S222J	C 491 921		CKSQYB473K16
R 680 681		RS1/8S472J	C 493 494		CEA100M16LL
R 683 684		RS1/10S472J	C 501 502		CCSQCH150J50
R 687		RS1/16S472J	C 503		CCSQCH101J50
R 707		RS1/16S105J	C 504 509 532		CEA220M6R3LL
R 710 712		RA3C681J	C 506 530		CKSQYB103K25
R 711		RS1/16S681J	C 507		CEA220M16LL
R 749		RS1/16S0R0J	C 508		CKSQYB103K25
R 751		RD1/4PU151J	C 511 513	4.7μF/16V	CCH1165
R 752 753 754 961 972		RS1/16S102J	C 515 555		CEA330M10LL
R 761 769		RS1/16S332F	C 516 517 519		CKSQYB103K25
R 762 763 764 767		RS1/16S332F	C 518		CKSQYB103K25
R 765 766		RS1/16S6812F	C 521		CKLSR473K16
R 768		RS1/16S1652F	C 522		CKSQYB223K25

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====		Part No.	=====Circuit Symbol & No. Part Name=====		Part No.
C 524		CKSQYB103K25	Q 502		DTC124EK
C 527		CKSQYB223K25	Q 602		DTC124EK
C 529		CEAR47M50LL	Q 603		DTA114EK
C 531 725		CCSQCH101J50	Q 651 662 845 981		IMD2A
C 534		CKSQYB103K25	Q 661 670		2SC3295
C 535 536		CKSQYB103K25	Q 664 911		2SD1760F5
C 538		CKSQYB103K25	Q 666		2SB1238
C 540		CKSQYB152K50	Q 668		2SD1864
C 541		CKSQYB103K25	Q 669 941		2SA1037K
C 542		CCSQCH101J50	Q 701		DTC143TK
C 544		CKSQYB332K50	Q 951		IMX1
C 545		CKSQYB103K25	Q 983		2SD2396
C 546 547		CKSQYB472K50	Q 991		2SC2412K
C 548 549 726		CCSQCH101J50	D 431		DAN212K
C 551 552 553 554		CKSYB224K16	D 501 661 941 971		DAN202K
C 557 911	1000μF/16V	CCH1149	D 651 652 901 902 911 921 922		ERA15-02VH
C 558	3300μF/16V	CCH1150	D 654	LED	BR4361F
C 601 605		CCSQCH330J50	D 662 666 667 668		DA204K
C 602		CCSQCH120J50	D 663 665		MA3062M
C 603		CEA4R7M35LL	D 664		MA3039L
C 604 606 665 666		CCSQCH101J50	D 701		MA3047M
C 608		CKSQYB103K25	D 702		DAN212K
C 609 915		CKSQYB103K25	D 912		HZS6LB1
C 613 615		CCSQCH101J50	D 951		MA3082L
C 614		CCSQCH101J50	D 952		MA3075H
C 701 707 912		CKSQYB103K25	D 961		DAN212K
C 704 705		CCSQCH270J50	D 982		HZS9LB1
C 712		CKSQYB472K50	L 501 503 601 602	Ferrri-Inductor	LAU2R2K
C 715		CKSYB104K16	L 502	Ferrri-Inductor	CTF-157
C 716		CKSQYB222K50	L 651 662 941	Ferrri-Inductor	LAU2R2K
C 717 971 983		CKSQYB104K16	L 661	Transformer	CTT1038
C 718		CEA100M16LL	L 701	Ferrri-Inductor	LAU101K
C 721		CEA4R7M16NPLL	L 703	Inductor	LCTB2R2K3216
C 724		CKSQYB103K25	TC 801	Trimmer	CCL1017
C 727 728		CCSQCH101J50	TH 601	Thermistor	CCX1031
C 761 762		CKSQYB104K16	X 501	Crystal Resonator 7.200MHz	CSS1379
C 763		CKSQYB472K50	X 601	Oscillator 6.291456MHz	CSS1303
C 764		CKSYB474K16	X 701	Crystal Resonator 4.332MHz	CSS1056
C 765 766		CCSQCH330J50	S 961	Switch(Reset)	CSG1046
C 831 832		CCSCH221J50	IL 661	Lamp 40mA 14V	CEL1263
C 833 834		CKSQYB221K50	VR 701	Semi-fixed 2.2kΩ(B)	CCP1123
C 858		CEA220M16LL		FM/AM Tuner Unit	CWE1416
C 914	0.22F/5.5V	CCL1037		High Output Unit	CWX1922
C 973		CEA101M10LL	EF 901	EMI Filter	CCG1006
C 975	330μF/10V	CCH1181	BZ 601	Buzzer	CPV1011
C 982		CKSYB105K16	RESISTORS		
C 984		CEA101M10LS	R 401 402 455 456		RS1/16S101J
C 991		CEA4R7M16LS2	R 403		RS1/16S620J
Unit Number : CWX1947(DEX-P77R/EW)			R 404 504 704		RS1/16S222J
Unit Name : Tuner Amp Unit			R 405 406 414 415 419 420 457 493 494 525	RS1/16S102J	RS1/16S473J
<b>MISCELLANEOUS</b>					
IC 401		TA2050S	R 409 625		RS1/16S223J
IC 402		CA0008AM	R 410 411 461 521 522 523 615		RS1/16S472J
IC 451		PM0008AF	R 412 417		RS1/16S181J
IC 501		PM2004A	R 413 416 619 655 677 755 756		RS1/16S223J
IC 601		PD4636A	R 421 422		RS1/16S332J
IC 701		PD6164A	R 423 511		RS1/16S103J
IC 703		PMW001A	R 433 434		RS1/16S223J
IC 704		SC14SU69F	R 435 436		RS1/16S224J
IC 921		TPD1018F	R 437		RS1/16S824J
IC 961		S-80734ANDYI	R 439 440 451 452		RS1/16S272J
IC 971		PA2024A	R 441 442		RS1/16S0R0J
Q 402		2SA1037K	R 443 444		RS1/16S222J
Q 403		DTC124EK	R 445 446 518 796 797		RS1/16S0R0J
Q 433 434		2SD1757K	R 453 454		RS1/16S151J
Q 501 653 665 667		2SC2412K	R 458 661 672 686 912		RS1/16S103J

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====			Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
R 462			RA3C472J	CAPACITORS.	
R 495 496 750			RS1/16S333J	C 401 402 462 489 492 559 607 710 713	CKSQYB104K16
R 501 509 733			RS1/16S0R0J	C 403 415 416 711	CKSQYB102K50
R 502 507 942 943 973 974 984			RS1/16S472J	C 404 407 662 664 709 718	CEA100M16LL
R 503 505 601 602 604 663 678 714 715			RS1/16S222J	C 405 406 408 409 413 414 437 438 439 440	CEA010M50LL
R 506			RS1/16S681J	C 441 442 523 528 663	CKSQYB223K25
R 508			RS1/16S682J		
R 510			RS1/16S561J	C 443	CKSQYB103K25
R 512			RS1/16S222J	C 451 452	CKSQYB822K50
R 513			RS1/16S152J	C 453 454	CEA010M50LL
R 514			RS1/16S392J	C 457 458	CKSQYB152K50
R 515			RS1/16S392J	C 459 460 467 468	CEA100M10NPLL
R 516			RS1/16S102J	C 461 913 972 974	CEA470M10LL
R 517 638 731 944			RS1/16S102J	C 463	CEA100M16LL
R 519			RS1/16S472J	C 464 961	CEA2R2M50LL
R 520			RS1/16S562J	C 465 466	CKSQYB183K25
R 524 609 616 624 632 649 721			RS1/16S473J	C 469 470	CKSYB334K16
R 526			RS1/16S562J		
R 527 629 630 633 637 639 652 746 747 748	RS1/16S102J		RS1/16S473J	C 471 472 510 512 514 520 525 526 652 661	CKSQYB103K25
R 528			RS1/16S473J	C 473 474	CKSYB105K16
R 530			RS1/16S682J	C 475 476	CKSQYB823K25
R 531			RS1/16S102J	C 487 488	CKSQYB333K25
R 534			RS1/16S472J	C 490	CKSQYB562K50
R 535			RS1/16S272J	C 491 921	CKSQYB473K16
R 536			RS1/16S103J	C 493 494	CEA100M16LL
R 537			RS1/16S332J	C 501 502	CCSQCH150J50
R 538			RS1/10S0R0J	C 503	CCSQCH101J50
R 605 606 607 608			RS1/16S681J	C 504 509 532	CEA220M6R3LL
R 610 611 612 613 614 618 620 621 622 623	RS1/16S473J		RS1/10SE223D	C 506 530	CKSQYB103K25
R 626			RN1/10SE223D	C 507	CEA220M16LL
R 627			RS1/16S393J	C 508	CKSQYB103K25
R 628 631 635 653 690 706 732 882			RS1/16S473J	C 511 513	CCH1165
R 636 708 713 716 725			RS1/16S681J	4.7µF/16V	CEA330M10LL
R 651			RS1/16S103J	C 515	
R 656			RS1/16S272J	C 516 517 519	CKSQYB103K25
R 662 685			RS1/16S224J	C 518	CKSQYB103K25
R 667			RS1P100JL	C 521	CKLSR473K16
R 668			RD1/4PU471J	C 522	CKSQYB223K25
R 669 682			RS1/10S222J	C 524	CKSQYB103K25
R 670			RS1P681JL	C 527	CKSQYB223K25
R 673			RS1/16S204J	C 529	CEAR47M50LL
R 674 971			RS1/16S104J	C 531 725	CCSQCH101J50
R 675			RS1/10S241J	C 534	CKSQYB103K25
R 676			RS1/10S512J	C 535 536	CKSQYB103K25
R 679			RS1/8S222J	C 538	CKSQYB103K25
R 680 681			RS1/8S472J	C 540	CKSQYB152K50
R 683 684			RS1/10S472J	C 541	CKSQYB103K25
R 687			RS1/16S472J	C 542	CCSQCH101J50
R 707			RS1/16S105J	C 544	CKSQYB332K50
R 710 712			RA3C681J	C 545	CKSQYB103K25
R 711			RS1/8S472J	C 546 547	CKSQYB472K50
R 749			RS1/10S472J	C 548 549 726	CCSQCH101J50
R 751			RS1/16S681J	C 557 911	CCH1149
R 752 753 754 961 972			RS1/16S0R0J	1000µF/16V	CCH1150
R 881			RD1/4PU151J	C 558	3300µF/16V
R 911			RS1/16S102J	C 601 605	CCSQCH330J50
R 921 991 993			RS1/10S182J	C 602	CCSQCH120J50
R 941			RS1/10S101J	C 603	CEA4R7M35LL
R 951 953			RS1/10S103J	C 604 606 665 666	CCSQCH101J50
R 952 954			RS1/10S183J	C 608	CKSQYB103K25
R 962			RS1/10S473J	C 609 915	CKSQYB103K25
R 981			RS1/10S473J	C 613 615	CCSQCH101J50
R 982			RS1/10S223J	C 614	CCSQCH101J50
R 983			RS1/16S124J	C 701 707 912	CKSQYB103K25
R 992			RD1/4PU221J	C 704 705	CCSQCH270J50
			RS1/10S221J	C 712	CKSQYB472K50
			RS1/16S122J	C 714	CKSYB105K16
			RS1/10S472J	C 715	CKSYB104K16
				C 716	CKSQYB222K50
				C 717 971 983	CKSQYB104K16

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====			Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
C 721			CEA4R7M16NPLL	RESISTORS	
C 724			CKSQYB103K25	R 401 402 455 456	RS1/16S101J
C 727 728			CCSQCH101J50	R 403	RS1/16S620J
C 858			CEA220M16LL	R 404 504	RS1/16S222J
C 914	0.22F/5.5V		CCL1037	R 405 406 414 415 419 420 493 494 525	RS1/16S102J
C 973			CEA101M10LL	R 407 408	RS1/16S473J
C 975			CCH1181		
C 982			CKSYB105K16	R 409	RS1/16S223J
C 984			CEA101M10LS	R 410 411 461 521 522 523	RS1/16S472J
C 991			CEA4R7M50LL	R 412 417	RS1/16S181J
				R 413 416 619 677 831 832	RS1/16S223J
				R 421 422	RS1/16S332J
Unit Number : CWX1919(DEH-P625/UC)					
Unit Name : Tuner Amp Unit					
MISCELLANEOUS					
IC 401			TA2050S	R 423 511	RS1/16S103J
IC 402			CA0008AM	R 439 440	RS1/16S162J
IC 451			PM0008AF	R 451 452	RS1/16S272J
IC 501			PM2004A	R 441 442	RS1/16S0R0J
IC 551			PAL003A	R 445 446 518	RS1/16S0R0J
IC 601			PD4636A	R 447 448	RS1/16S0R0J
IC 921			TPD1018F	R 453 454	RS1/16S151J
IC 961			S-80734ANDYI	R 462	RA3C472J
IC 971			PA2024A	R 495 496	RS1/16S333J
Q 402			2SA1037K	R 501 509 885 886	RS1/16S0R0J
Q 403			DTC124EK	R 502 507 973 974 984	RS1/16S472J
Q 501 665 667			2SC2412K	R 503 505 601 602 604 663 678	RS1/16S222J
Q 502			DTC124EK	R 506	RS1/16S681J
Q 551			IMH1A	R 508	RS1/16S682J
Q 602			DTC124EK	R 510	RS1/16S561J
Q 603			DTA114EK	R 512	RS1/16S222J
Q 661 670			2SC3295	R 513	RS1/16S152J
Q 662 845 981			IMD2A	R 514	RS1/16S392J
Q 664 911			2SD1760F5	R 515	RS1/16S392J
Q 666			2SB1238	R 516	RS1/16S102J
Q 668			2SD1864	R 517 638	RS1/16S102J
Q 669			2SA1037K	R 520	RS1/16S473J
Q 831 833			IMH3A	R 524 609 625 632 649	RS1/16S473J
Q 951			IMX1	R 526	RS1/16S562J
Q 983			2SD2396	R 527 629 630 633 637 639	RS1/16S102J
Q 991			2SC2412K	R 528	RS1/16S473J
D 501 661 971			DAN202K	R 530	RS1/16S682J
D 662 666 667 668			DA204K	R 531	RS1/16S102J
D 663 665			MA3062M	R 534	RS1/16S472J
D 664			MA3039L	R 535	RS1/16S272J
D 836 837			DAP202K	R 536	RS1/16S103J
D 901 902 911 921 922			ERA15-02VH	R 551 553 661 672 686 883 912	RS1/16S103J
D 912			HZS6LB1	R 552	RS1/16S221J
D 951			MA3082L	R 554	RS1/16S101J
D 952			MA3075H	R 605 606 607 608	RS1/16S681J
D 961			DAN212K	R 610 611 614 618 620 621 622 623	RS1/16S473J
D 982			HZS9LB1	R 624	RS1/16S223J
L 501 503 601 602	Ferri-Inductor		LAU2R2K	R 626	RN1/10SE223D
L 502	Ferri-Inductor		CTF-157	R 627	RS1/16S393J
L 661	Transformer		CTT1038	R 628 631 635 653 690 882	RS1/16S473J
L 662	Ferri-Inductor		LAU2R2K	R 636	RS1/16S681J
TC 601	Trimmer		CCL1017	R 662 685	RS1/16S224J
TH 601	Thermistor		CCX1031	R 667	RS1P100JL
X 501	Crystal 7.200MHz		CSS1379	R 668	RD1/4PU471J
X 601	Oscillator 6.291456MHz		CSS1303	R 669 682	RS1/10S222J
S 961	Switch(Reset)		CSG1046	R 673	RS1P681JL
IL 661	Lamp 40mA 14V		CEL1263	R 674 971	RS1/16S204J
VR 701	Semi-fixed 2.2kΩ(B)		CCP1123		RS1/16S104J
EF 901	FM/AM Tuner Unit		CWE1417	R 675	RS1/10S241J
	EMI Filter		CCG1006	R 676	RS1/10S512J
BZ 601	Buzzer		CPV1011	R 679	RS1/8S222J
				R 680 681	RS1/8S472J
				R 683 684	RS1/10S472J

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====			Part No.	=====Circuit Symbol & No. Part Name=====			Part No.
R 687			RS1/16S472J	C 602			CCSQCH120J50
R 796 797			RS1/16S0R0J	C 603			CEA4R7M35LL
R 833 834 839 840			RS1/16S821J	C 604	606 665 666		CCSQCH101J50
R 835 836			RS1/16S473J	C 608			CKSQYB103K25
R 881			RS1/10S182J	C 609	915		CKSQYB103K25
R 911			RS1/10S101J	C 613	615		CCSQCH101J50
R 921 991 993			RS1/10S103J	C 614			CCSQCH101J50
R 951 953			RS1/10S473J	C 831	832		CCSCH221J50
R 952 954			RS1/10S223J	C 833	834		CKSQYB221K50
R 961 972			RS1/16S102J	C 858			CEA220M16LL
R 962			RS1/16S124J	C 912			CKSQYB103K25
R 981			RD1/4PU221J	C 914		0.22F/5.5V	CCL1037
R 982			RS1/10S221J	C 961			CEA2R2M50LL
R 983			RS1/16S122J	C 971	983		CKSQYB104K16
R 992			RS1/10S472J	C 973			CEA101M10LL
<b>CAPACITORS</b>				C 975		330μF/10V	CCH1181
C 401 402 462 489 492 559 607			CKSQYB104K16	C 982			CKSYB105K16
C 403 415 416			CKSQYB102K50	C 984			CEA101M10LS
C 404 407 485 486 560 662 664			CEA100M16LL	C 991			CEA4R7M16LS2
C 405 406 408 409 413 414 439 440			CEA010M50LL				
C 441 442			CKSQYB473K16				
C 451 452			CKSQYB822K50				
C 453 454 556 561			CEA010M50LL				
C 457 458			CKSQYB152K50	IC 401			TA2050S
C 459 460 467 468			CEA100M10NPLL	IC 402			CA0008AM
C 461 913 972 974			CEA470M10LL	IC 451			PM0008AF
C 463			CEA100M16LL	IC 501			PM2004A
C 465 466			CKSQYB183K25	IC 601			PD4636A
C 469 470			CKSYB334K16	IC 921			TPD1018F
C 471 472 510 512 514 520 525 526 661			CKSQYB103K25	IC 931			TPD1018F
C 473 474			CKSYB105K16	IC 961			S-80734ANDYI
C 475 476			CKSQYB823K25	IC 971			PA2024A
C 481 482			CEA4R7M35LL	Q 402			2SA1037K
C 487 488			CKSQYB333K25	Q 403			DTC124EK
C 490			CKSQYB562K50	Q 501	653 665 667		2SC2412K
C 491 921			CKSQYB473K16	Q 502			DTC124EK
C 493 494			CEA100M16LL	Q 602			DTC124EK
C 501 502			CCSQCH150J50	Q 603			DTA114EK
C 503			CCSQCH101J50	Q 651	662 845 981		IMD2A
C 504 509 532			CEA220M6R3LL	Q 661	670		2SC2395
C 506 530			CKSQYB103K25	Q 664	911		2SD1760F5
C 507			CEA220M16LL	Q 666			2SB1238
C 508			CKSQYB103K25	Q 668			2SD1864
C 511 513	4.7μF/16V		CCH1165	Q 669			2SA1037K
C 515 555			CEA330M10LL	Q 951			IMX1
C 516 517 519			CKSQYB103K25	Q 983			2SD2396
C 518			Q 991				2SC2412K
C 521			CKLSR473K16	D 501	661 971		DAN202K
C 522			CKSQYB223K25	D 651	652 901 902 911 921 922		ERA15-02VH
C 523 528 663			CKSQYB223K25	D 654		LED	BR4361F
C 524			CKSQYB103K25	D 662	666 667 668		DA204K
C 527			CKSQYB223K25	D 663	665		MA3062M
C 531			CCSQCH101J50	D 664			MA3039L
C 534			CKSQYB103K25	D 912			HZS6LB1
C 535 536			CKSQYB103K25	D 951			MA3082L
C 538			CKSQYB103K25	D 952			MA3075H
C 541			CKSQYB103K25	D 961			DAN212K
C 542			CCSQCH101J50	D 982			HZS9LB1
C 544			CKSQYB332K50	L 501	503 601 602	Ferri-Inductor	LAU2R2K
C 545			CKSQYB103K25	L 502		Ferri-Inductor	CTF-157
C 546 547			CKSQYB472K50	L 651	662	Ferri-Inductor	LAU2R2K
C 548 549			CCSQCH101J50	L 661		Transformer	CTT1038
C 551 552 553 554	1000μF/16V		CKSYB224K16	TC 601		Trimmer	CCL1017
C 557 911	3300μF/16V		CCH1149	TH 601		Thermistor	CCX1031
C 558			CCH1150	X 501		Crystal 7.200MHz	CSS1379
C 601 605			CCSQCH330J50	X 601		Oscillator 6.291456MHz	CSS1303
				S 961		Switch(Reset)	CSG1046
				IL 661		Lamp 40mA14V	CEL1263

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

=====Circuit Symbol & No. Part Name=====		Part No.	=====Circuit Symbol & No. Part Name=====		Part No.
	FM/AM Tuner Unit	CWE1417	R 674	971	RS1/16S104J
	High Output Unit	CWX1922	R 675		RS1/10S241J
EF 901	EMI Filter	CCG1006	R 676		RS1/10S512J
BZ 601	Buzzer	CPV1011	R 679		RS1/8S222J
RESISTORS			R 680	681	RS1/8S472J
R 401	402 455 456	RS1/16S101J	R 683	684	RS1/10S472J
R 403		RS1/16S620J	R 687		RS1/16S0R0J
R 404	504	RS1/16S222J	R 796	797	RS1/10S182J
R 405	406 414 415 419 420 457 493 494 525	RS1/16S102J	R 881		RS1/10S101J
R 407	408	RS1/16S473J	R 911		
R 409		RS1/16S223J	R 921	991 993	RS1/10S103J
R 410	411 461 521 522 523	RS1/16S472J	R 951	953	RS1/10S473J
R 412	417	RS1/16S181J	R 952	954	RS1/10S223J
R 413	416 619 655 677	RS1/16S223J	R 961	972	RS1/16S102J
R 421	422	RS1/16S332J	R 962		RS1/16S124J
R 423	511	RS1/16S103J	R 981		RD1/4PU221J
R 439	440	RS1/16S162J	R 982		RS1/10S221J
R 441	442	RS1/16S0R0J	R 983		RS1/16S122J
R 445	446 518	RS1/16S0R0J	R 992		RS1/10S472J
R 447	448	RS1/16S0R0J	CAPACITORS		
R 451	452	RS1/16S272J	C 401	402 462 489 492 559 607	CKSQYB104K16
R 453	454	RS1/16S151J	C 403	415 416	CKSQYB102K50
R 458	661 672 686 912	RS1/16S103J	C 404	407 662 664	CEA100M16LL
R 462		RA3C472J	C 405	406 408 409 413 414 439 440	CEA010M50LL
R 495	496	RS1/16S333J	C 441	442	CKSQYB473K16
R 501	509	RS1/16S0R0J	C 451	452	CKSQYB822K50
R 502	507 973 974 984	RS1/16S472J	C 453	454	CEA010M50LL
R 503	505 601 602 604 663 678	RS1/16S222J	C 457	458	CKSQYB152K50
R 506		RS1/16S681J	C 459	460 467 468	CEA100M10NPLL
R 508		RS1/16S682J	C 461	913 972 974	CEA470M10LL
R 510		RS1/16S561J	C 463		CEA100M16LL
R 512		RS1/16S222J	C 464	961	CEA2R2M50LL
R 513		RS1/16S152J	C 465	466	CKSQYB183K25
R 514		RS1/16S392J	C 469	470	CKSYB334K16
R 515		RS1/16S392J	C 471	472 510 512 514 520 525 526 652 661	CKSQYB103K25
R 516		RS1/16S102J	C 473	474	CKSYB105K16
R 517	638	RS1/16S102J	C 475	476	CKSQYB823K25
R 520		RS1/16S473J	C 487	488	CKSQYB333K25
R 524	609 625 632 649	RS1/16S473J	C 490		CKSQYB562K50
R 526		RS1/16S562J	C 491	921	CKSQYB473K16
R 527	629 630 633 637 639 652	RS1/16S102J	C 493	494	CEA100M16LL
R 528		RS1/16S473J	C 501	502	CCSQCH150J50
R 530		RS1/16S682J	C 503		CCSQCH101J50
R 531		RS1/16S102J	C 504	509 532	CEA220M6R3LL
R 534		RS1/16S472J	C 506	530	CKSQYB103K25
R 535		RS1/16S272J	C 507		CEA220M16LL
R 536		RS1/16S103J	C 508		CKSQYB103K25
R 537		RS1/16S332J	C 511	513	CCH1165
R 538		RS1/16S0R0J	C 515		CEA330M10LL
R 605	606 607 608	RS1/16S681J	C 516	517 519	CKSQYB103K25
R 610	611 614 618 620 621 622 623	RS1/16S473J	C 518		CKSQYB103K25
R 624		RS1/16S473J	C 521		CKLRSR473K16
R 626		RN1/10SE223D	C 522		CKSQYB223K25
R 627		RS1/16S393J	C 523	528 663	CKSQYB223K25
R 628	631 635 653 690 882	RS1/16S473J	C 524		CKSQYB103K25
R 636		RS1/16S681J	C 527		CKSQYB223K25
R 651		RS1/16S103J	C 531		CCSQCH101J50
R 654	657	RS1/16S103J	C 534		CKSQYB103K25
R 656		RS1/16S272J	C 535	536	CKSQYB103K25
R 662	685	RS1/16S224J	C 538		CKSQYB103K25
R 667		RS1P100JL	C 541		CKSQYB103K25
R 668		RD1/4PU471J	C 542		CCSQCH101J50
R 669	682	RS1/10S222J	C 544		CKSQYB332K50
R 670		RS1P681JL	C 545		CKSQYB103K25
R 673		RS1/16S204J	C 546	547	CKSQYB472K50

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

=====Circuit Symbol & No. Part Name=====			Part No.	=====Circuit Symbol & No. Part Name=====	Part No.
C 548 549		CCSQCH101J50	R 801 802		RS1/8S751J
C 557 911	1000μF/16V	CCH1149			
C 558	3300μF/16V	CCH1150		CAPACITORS	
C 601 605		CCSQCH330J50	C 101 601 703		CEV101M6R3
C 602		CCSQCH120J50	C 102		CKSQYB104K16
C 603		CEA4R7M35LL	C 103		CEV470M6R3
C 604 606 665 666		CCSQCH101J50	C 104		CKSYB334K16
C 608		CKSQYB103K25	C 105		CCSRCH330J50
C 609 915		CKSQYB103K25			
C 613 615		CCSQCH101J50	C 106 304		CKSRYB103K25
C 614		CCSQCH101J50	C 107 603 604		CEV4R7M35
C 858		CEA220M16LL	C 108		CKSQYB273K50
C 912		CKSQYB103K25	C 109		CCSRCH101J50
C 914	0.22F/5.5V	CCL1037	C 110 202		CKSQYB104K16
C 931		CKSQYB473K16	C 111		CKSRYB332K50
C 971 983		CKSQYB104K16	C 112		CKSRYB473K16
C 973		CEA101M10LL	C 113		CKSRYB103K25
C 975	330μF/10V	CCH1181	C 114		CKSRYB391K50
C 982		CKSYB105K16	C 115		CCSRCH121J50
C 984		CEA101M10LS	C 116		CKSRYB682K25
C 991		CEA4R7M16LS2	C 117		CKSRYB333K16
			C 118 201		CKSYB334K16
			C 119		CKSYB334K16
			C 120 121 702		CKSYB334K16
Unit Number : CWX1889			C 122 124		CKSQYB104K16
Unit Name : Control Unit			C 123		CKSRYB472K50
MISCELLANEOUS			C 125		CCSRCH060D50
IC 101		UPC2572GS	C 126		CKSRYB153K25
IC 201		UPD63702GF	C 127		CCSRCH102J25
IC 301		XLA6997FP			CKSQYB104K16
IC 302		XRA6285FP	C 203		CEV470M16
IC 601		TA2063F	C 303		CKSQYB103K25
IC 701		PQ05TZ51	C 305 306		CKSRYB471K50
Q 101		2SD1664	C 502		CKSRYB471K50
Q 102		UMD2N	C 602		CKSQYB104K16
Q 601 602		2SD1781K	C 605 606		CKSRYB152K50
Q 603		2SB709A	C 607		CEV220M6R3
D 601		MA151WA	C 701	22μF/6.3V	CCH1233
D 701 702		1SR154-400	C 901 903		CCSRCH471J50
D 801 802	LED	CL200IRX	C 902		CCSRCH271J50
X 201		CSS1363	C 904		CCSRCH101J50
S 801 802		CSN1028			
RESISTORS			Unit Number :		
R 101		RS1/8S100J	Q 1 2	Photo Transistor	CPT-230S-X
R 102		RS1/8S120J			
R 103		RS1/16S102J		Miscellaneous Parts List	
R 104		RS1/16S822J			
R 105		RS1/16S682J			
R 106		RS1/16S183J	M 1	PU Unit	CGY1070
R 107		RS1/16S822J	M 2	Motor Unit(Spindle)	CXA9100
R 108		RS1/16S333J	M 3	CRG Motor Unit(Carriage)	CXA8986
R 109		RS1/16S683J	S 1930	Load Motor Unit(Loading)	CXA8702
R 110		RS1/16S134J		Switch(Close)	CSN1027
R 111		RS1/16S273J			
R 112		RS1/16S222J			
R 113 114 607		RS1/16S103J			
R 115		RS1/16S102J			
R 116 117		RS1/16S163J			
R 201		RS1/16S104J			
R 202		RS1/16S473J			
R 304 501		RS1/16S0R0J			
R 505		RS1/16S102J			
R 507		RA4C102J			
R 508		RA4C681J			
R 510		RS1/10S0R0J			
R 601 602		RS1/16S102J			
R 603 604		RS1/16S223J			
R 605 606		RS1/16S162J			

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

- The DEH-P725/UC, DEH-P725-W/UC, and DEH-P723/ES Tuner Amp Unit Parts Lists enumerate the parts which differ from those enumerated in the DEH-P725R/EW Parts List only. The parts other than those enumerated in the former are identical with those in the latter, to which you are requested to refer, accordingly. The DEH-P725R/EW Tuner Amp Unit Parts List is given on page 31.

Tuner Amp Unit

Tuner Amp Unit	DEH-P725R/EW DEH-P725R-W/EW CWX1916	DEH-P725/UC DEH-P725-W/UC CWX1915	DEH-P723/ES CWX1917
Circuit Symbol & No.	Part No.	Part No.	Part No.
IC402	HA1218FP	CA0008AM	CA0008AM
IC601	PD4636A	PD4635A	PD4636A
IC701	PD6164A	PD6165A	.....
IC702	.....	PD4633A	.....
IC703	PMW001A	.....	.....
IC704	SC14SU69F	.....	.....
Q 433,434	2SD1757K	.....	.....
Q 651	IMD2A	.....	IMD2A
Q 653	2SC2412K	.....	2SC2412K
Q 701	DTC143TK	.....	.....
Q 835	.....	IMH3A	.....
Q 941	2SA1037K	.....	2SA1037K
D 431,702	DAN212K	.....	.....
D 651,652	ERA15-02VH	.....	ERA15-02VH
D 654	BR4361F	.....	BR4361F
D 701	MA3047M	.....	.....
D 838	.....	DAP202K	.....
D 941	DAN202K	.....	DAN202K
L 651	LAU2R2K	.....	LAU2R2K
L 701	LAU101K	LAU101K	.....
L 702	.....	LAU2R2K	.....
L 703	LCTB2R2K3216	.....	.....
L 941	LAU2R2K	.....	LAU2R2K
X 701	CSS1056	CSS1338	.....
VR701	CCP1123	.....	.....
R 433,434	RS1/16S223J	.....	.....
R 435,436	RS1/16S224J	.....	.....
R 437	RS1/16S824J	.....	.....
R 439,440	RS1/16S272J	RS1/16S162J	RS1/16S162J
R 443,444	RS1/16S222J	.....	.....
R 447,448	.....	RS1/16S0R0J	RS1/16S0R0J
R 457,652	RS1/16S102J	.....	RS1/16S102J
R 458	RS1/16S103J	.....	RS1/16S103J
R 501	RS1/16S0R0J	RS1/16S0R0J	.....
R 519	RS1/16S472J	.....	.....
R 520	RS1/16S562J	RS1/16S473J	RS1/16S473J
R 612,613	RS1/16S473J	RS1/16S473J	.....
R 615	RS1/16S472J	RS1/16S472J	.....
R 616,721	RS1/16S473J	RS1/16S473J	.....
R 624	.....	.....	RS1/16S473J
R 625	RS1/16S473J	RS1/16S473J	.....
R 651	RS1/16S103J	.....	RS1/16S103J
R 653	RS1/16S473J	.....	RS1/16S473J
R 654	.....	.....	.....
R 655	RS1/16S223J	.....	RS1/16S223J
R 656	RS1/16S272J	.....	RS1/16S272J
R 657	.....	.....	.....
R 704	RS1/16S222J	.....	.....
R 706	RS1/16S473J	.....	.....
R 707	RS1/16S105J	RS1/16S105J	.....

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

Tuner Amp Unit	DEH-P725R/EW DEH-P725R-W/EW CWX1916	DEH-P725/UC DEH-P725-W/UC CWX1915	DEH-P723/ES CWX1917
Circuit Symbol & No.	Part No.	Part No.	Part No.
R 708	RS1/16S681J	RS1/16S681J	.....
R 710	RA3C681J	RA3C681J	.....
R 711,725	RS1/16S681J	.....	.....
R 712	RA3C681J	.....	.....
R 713,716	RS1/16S681J	RS1/16S681J	.....
R 714	RS1/16S222J	RS1/16S0R0J	.....
R 715	RS1/16S222J	.....	.....
R 717-720	.....	RS1/16S473J	.....
R 726-730	.....	RS1/16S473J	.....
R 731	RS1/16S102J	.....	.....
R 732	RS1/16S473J	.....	.....
R 733	RS1/16S0R0J	.....	.....
R 735,736	.....	RA4C102J	.....
R 737,738	.....	RA3C102J	.....
R 739,740	.....	RA4C102J	.....
R 741,742	.....	RA3C102J	.....
R 746-748	RS1/16S102J	.....	.....
R 749	RS1/16S0R0J	.....	.....
R 750	RS1/16S333J	.....	.....
R 751	RD1/4PU151J	.....	.....
R 752-754	RS1/16S102J	.....	.....
R 755,756	RS1/16S223J	.....	.....
R 837,838	.....	RS1/16S473J	.....
R 841,842	.....	RS1/16S821J	.....
R 887,888	.....	RS1/16S0R0J	.....
R 941	RS1/10S183J	.....	RS1/10S183J
R 942,943	RS1/16S472J	.....	RS1/16S472J
R 944	RS1/16S102J	.....	RS1/16S102J
C 437,438	CEA010M50LL	.....	.....
C 441,442	CKSQYB223K25	CKSQYB473K16	CKSQYB473K16
C 443	CKSQYB103K25	.....	.....
C 464	CEA2R2M50LL	.....	CEA2R2M50LL
C 483,484	.....	CEA4R7M35LL	.....
C 505	.....	.....	CKSQYB103K25
C 529	CEAR47M50LL	.....	.....
C 540	CKSQYB152K50	.....	.....
C 652	CKSQYB103K25	.....	CKSQYB103K25
C 701	CKSQYB103K25	.....	.....
C 704,705	CCSQCH270J50	.....	.....
C 707	CKSQYB103K25	CKSQYB103K25	.....
C 708	.....	CEA100M16LL	.....
C 709,718	CEA100M16LL	.....	.....
C 710,713,717	CKSQYB104K16	.....	.....
C 711	CKSQYB102K50	.....	.....
C 712	CKSQYB472K50	.....	.....
C 714	CEA010M50LL	.....	.....
C 715	CKSYB104K16	.....	.....
C 716	CKSQYB222K50	.....	.....
C 721	CEA4R7M16NPLL	.....	.....
C 724	CKSQYB103K25	.....	.....
C 725,726	CCSQCH101J50	.....	.....
C 727,728	CCSQCH101J50	.....	.....
C 831,832	CCSCH221J50	CKSYB105K16	CCSCH221J50
C 835,836	.....	CKSQYB221K50	.....

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

- The DEH-P725R-W/EW, DEX-P77R/EW, DEH-P725/UC, DEH-P725-W/UC, DEH-P723/ES, DEH-P625/UC and DEX-P88/UC Key Board P.C.Board Parts Lists enumerate the parts which differ from those enumerated in the DEH-P725R/EW Parts List only. The parts other than those enumerated in the former are identical with those in the latter, to which you are requested to refer, accordingly. The DEH-P725R/EW Key Board P.C.Board Parts List is given on page 31.

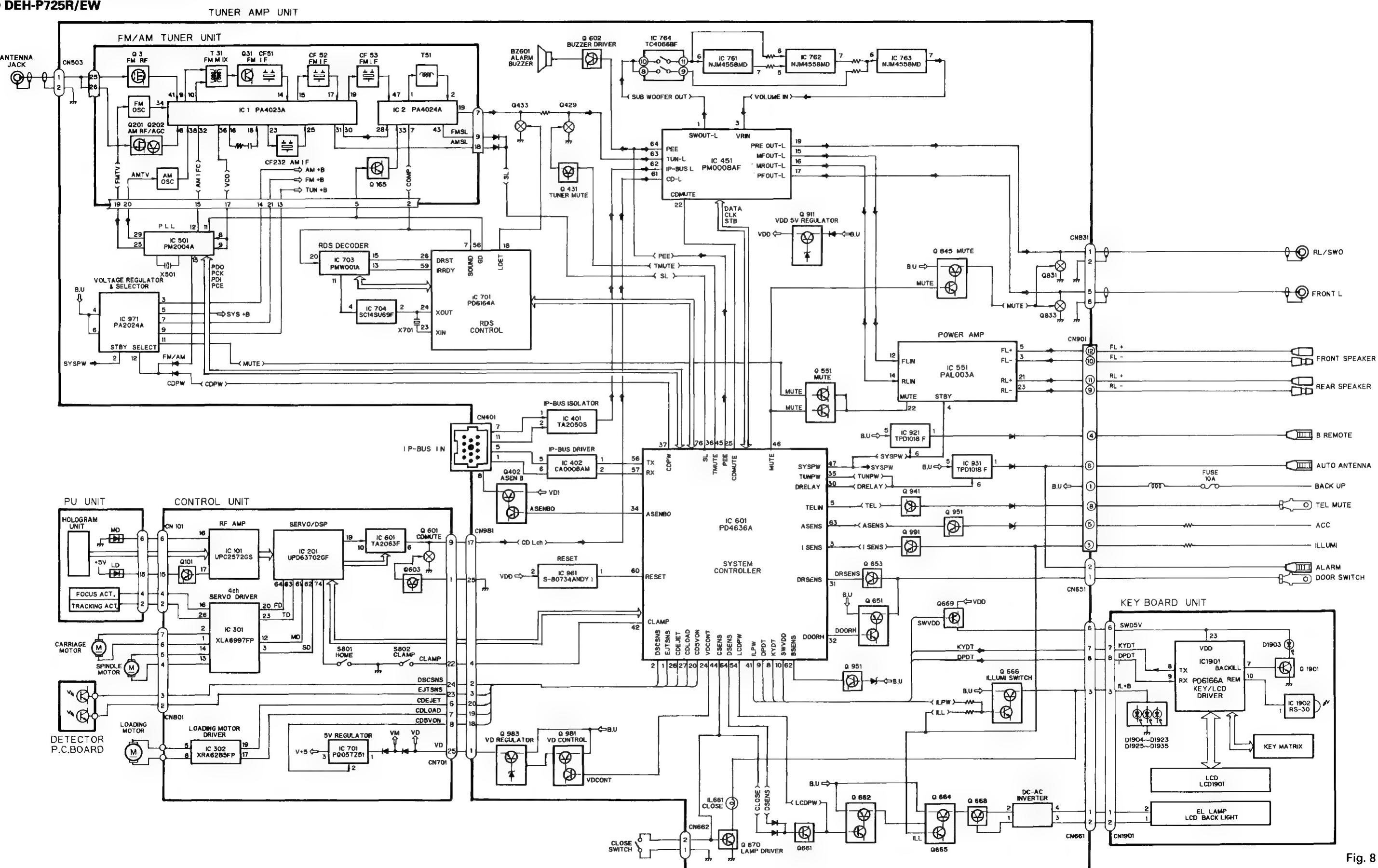
Key Board P.C.Board

Circuit Symbol & No.	DEH-P725R/EW Part No.	DEH-P725R-W/EW Part No.	DEX-P77R/EW Part No.	DEH-P725/UC Part No.	DEH-P725-W/UC Part No.
IC 1901	PD6166A	PD6166A	PD6166A	PD6166A	PD6166A
D 1903	CL170FGCD	CL170DCD	CL170DCD	CL170FGCD	CL170DCD
D 1904-1923, 1925-1935	CL170FGCD	CL170DCD	CL170DCD	CL170FGCD	CL170DCD
LCD1901	CAW1337	CAW1364	CAW1364	CAW1338	CAW1366

Circuit Symbol & No.	DEH-P725R/EW Part No.	DEH-P723/ES Part No.	DEH-P625/UC Part No.	DEX-P88/UC Part No.
IC 1901	PD6166A	PD6166A	PD6166A	PD6175A
D 1904-1923, 1925-1935	CL170FGCD	CL170FGCD	CL170FGCD	CL170FGCD
D 1903	CL170FGCD	CL170FGCD	CL170FGCD	CL170FGCD
LCD1901	CAW1337	CAW1338	CAW1338	CAW1365

## 10. BLOCK DIAGRAM

### ● DEH-P725R/EW

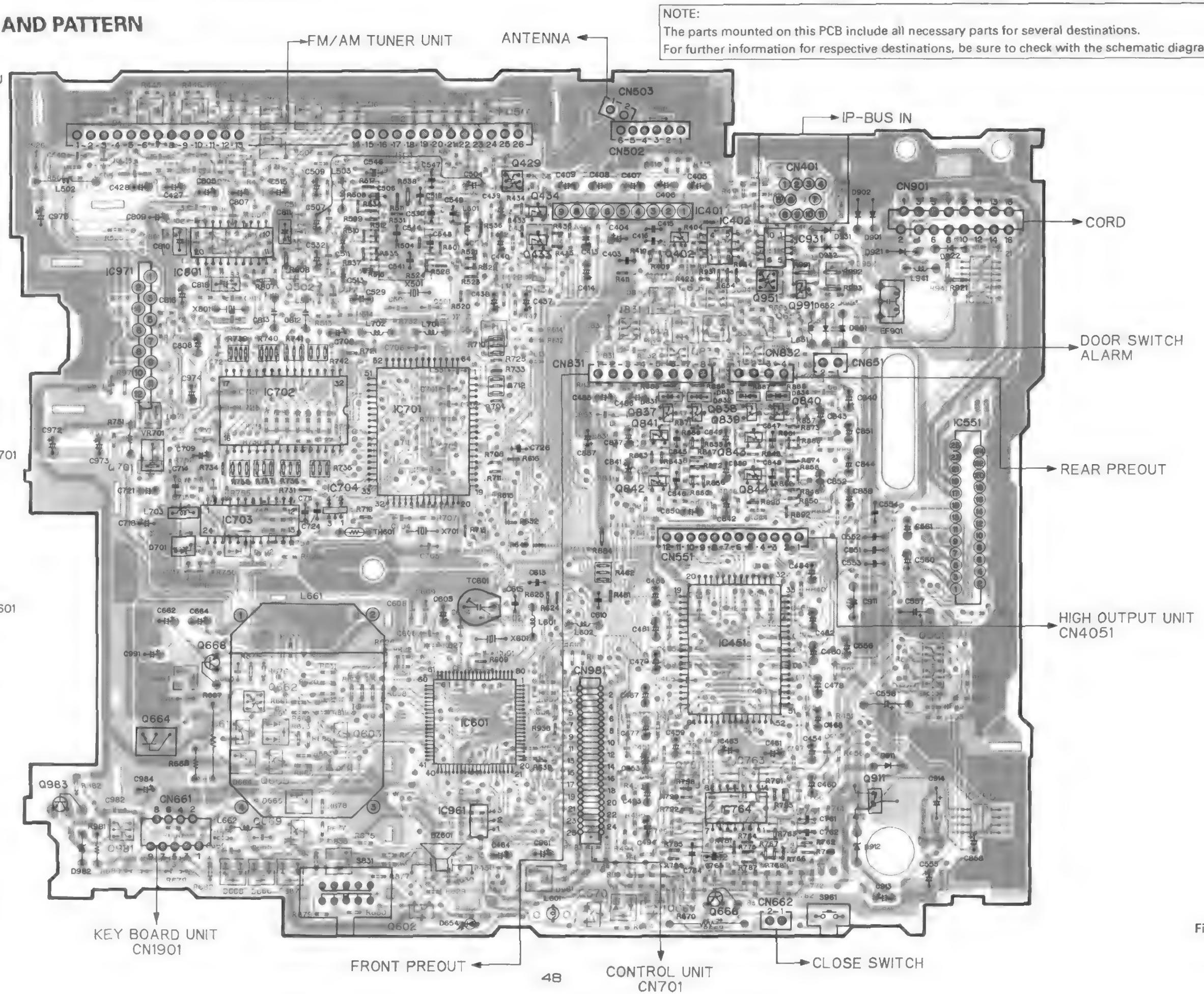


## 11. CIRCUIT DIAGRAM AND PATTERN

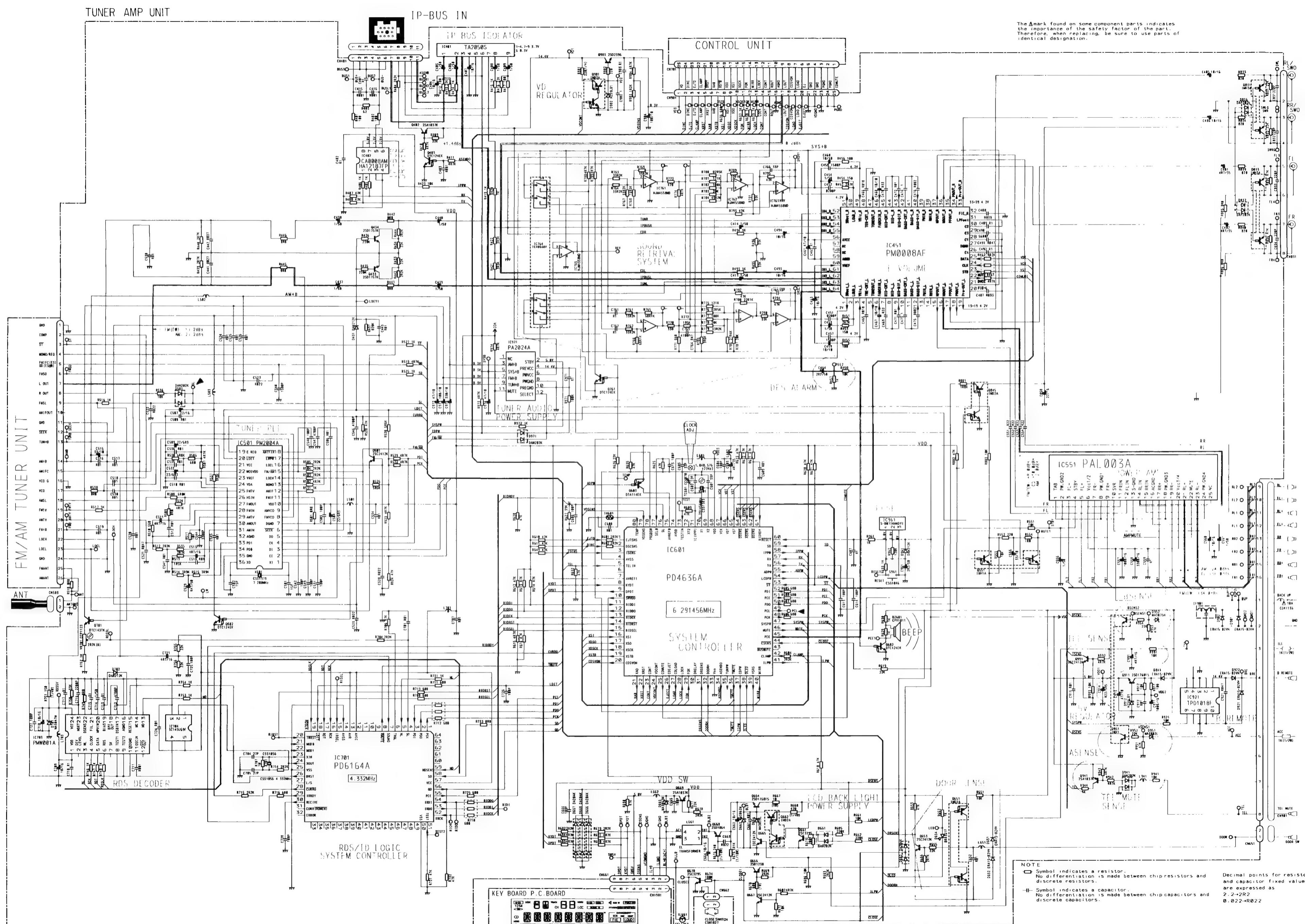
### 11.1 TUNER ANP UNIT

#### ● Connection Diagram IC, Q ADJ

Q501  
 Q429  
 Q434 IC401  
 IC801 IC501 Q402 IC402 IC931  
 Q502 Q801 Q433 Q403 Q941  
 Q431 Q651 Q951 Q991 IC921  
 IC971 Q831 Q653  
 Q833 Q835  
 IC702 Q837 Q838 Q839 Q840  
 IC701 Q841 IC831 Q843 IC833  
 Q701 Q842 IC832 Q844 IC834  
 IC703 IC704 IC551  
 VR701  
 TC601  
 Q668 IC451 Q551  
 Q845  
 Q662  
 Q664 Q661 Q603 IC601  
 Q665 Q761 IC763  
 Q983 IC961 IC764 Q911  
 Q981 Q669 IC762 IC761 IC765  
 Q602 Q670 Q667 Q666



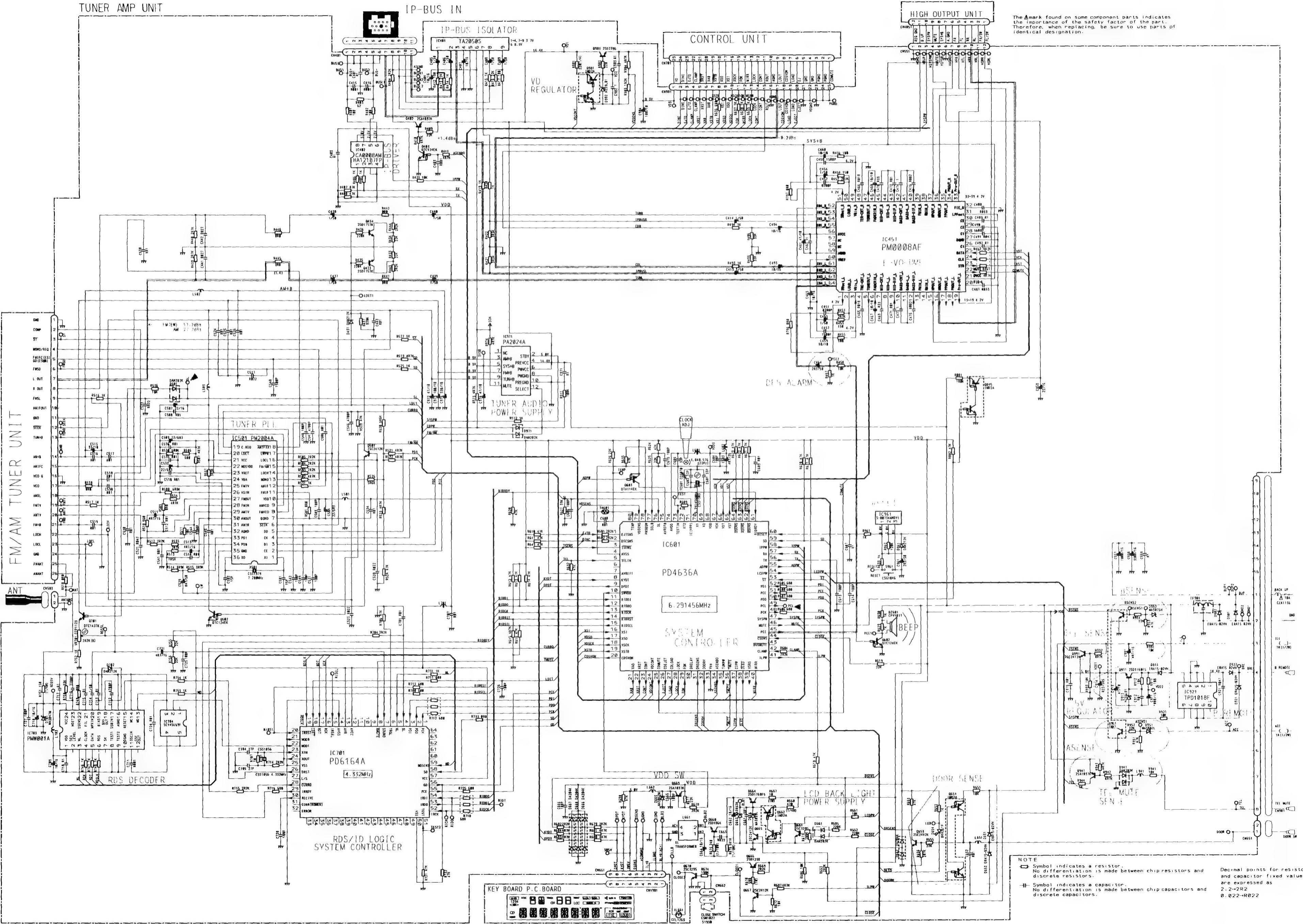
● Circuit Diagram (DEH-P725R/EW, P725R-W/EW)



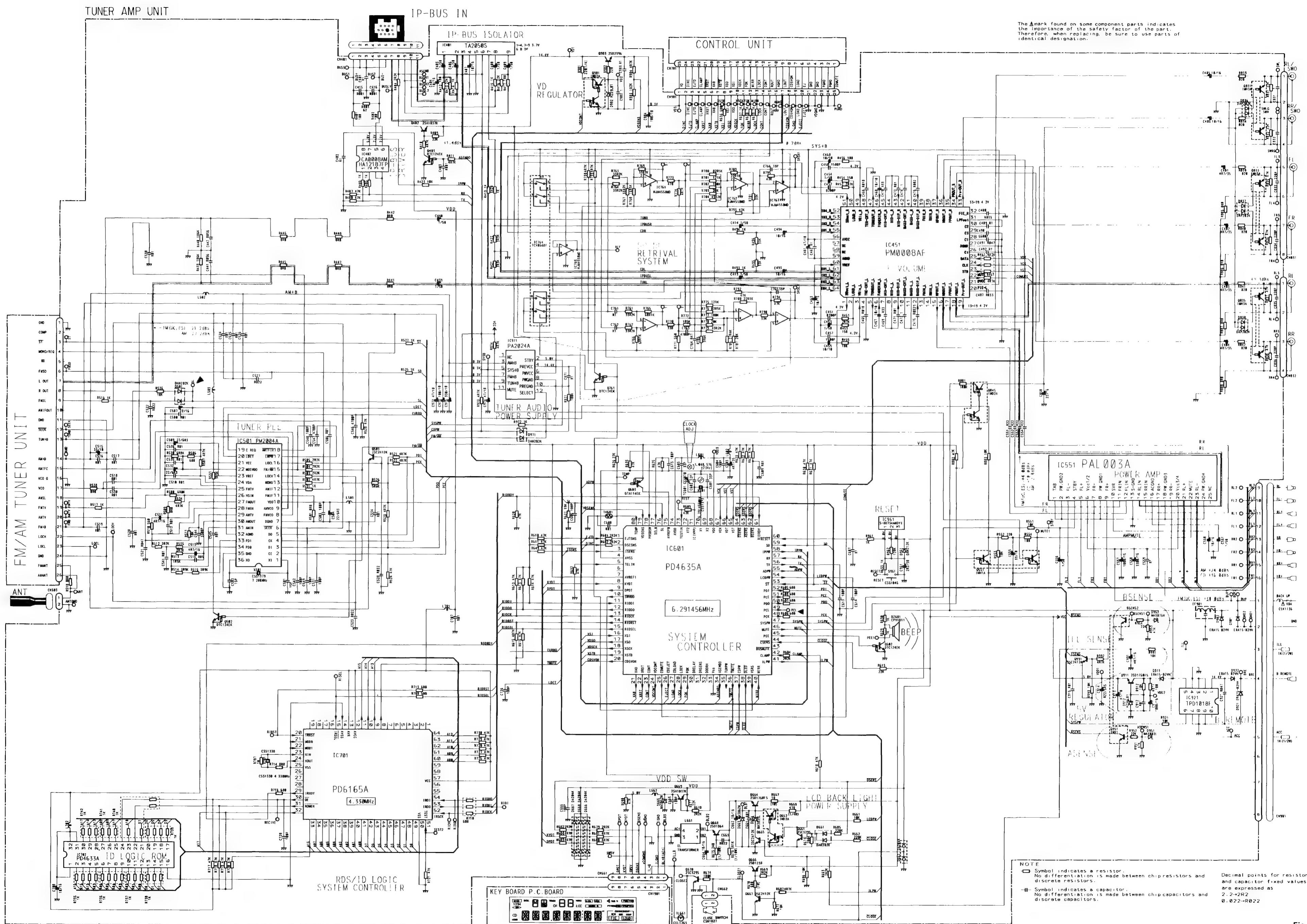
● Circuit Diagram (DEX-P77R/EW)

A

TUNER AMP UNIT

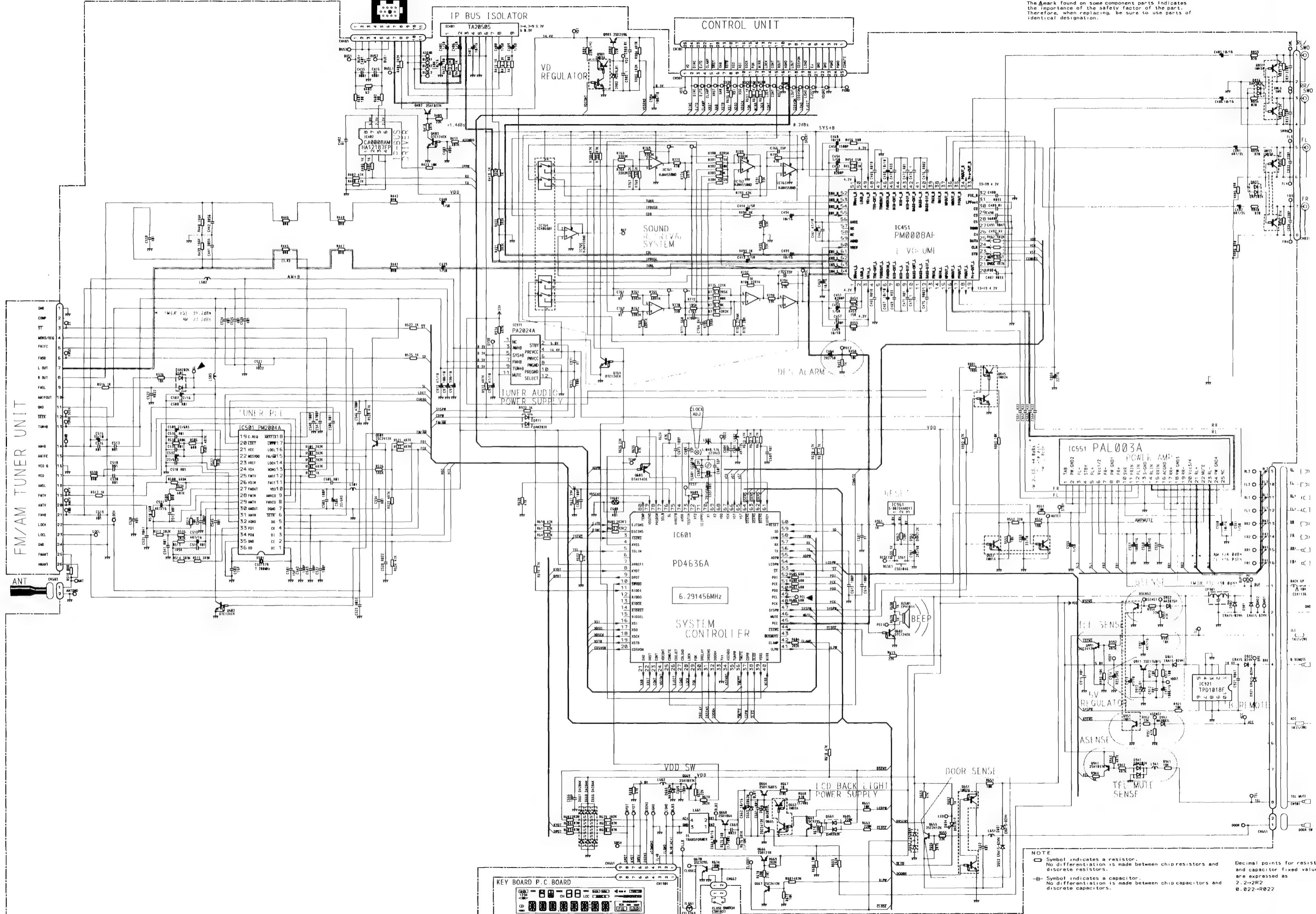


● Circuit Diagram (DEH-P725/UC, P725-W/UC)



● Circuit Diagram (DEH-P723/ES)

A TUNER AMP UNIT



## ● Circuit Diagram (DEH-P625/UC)

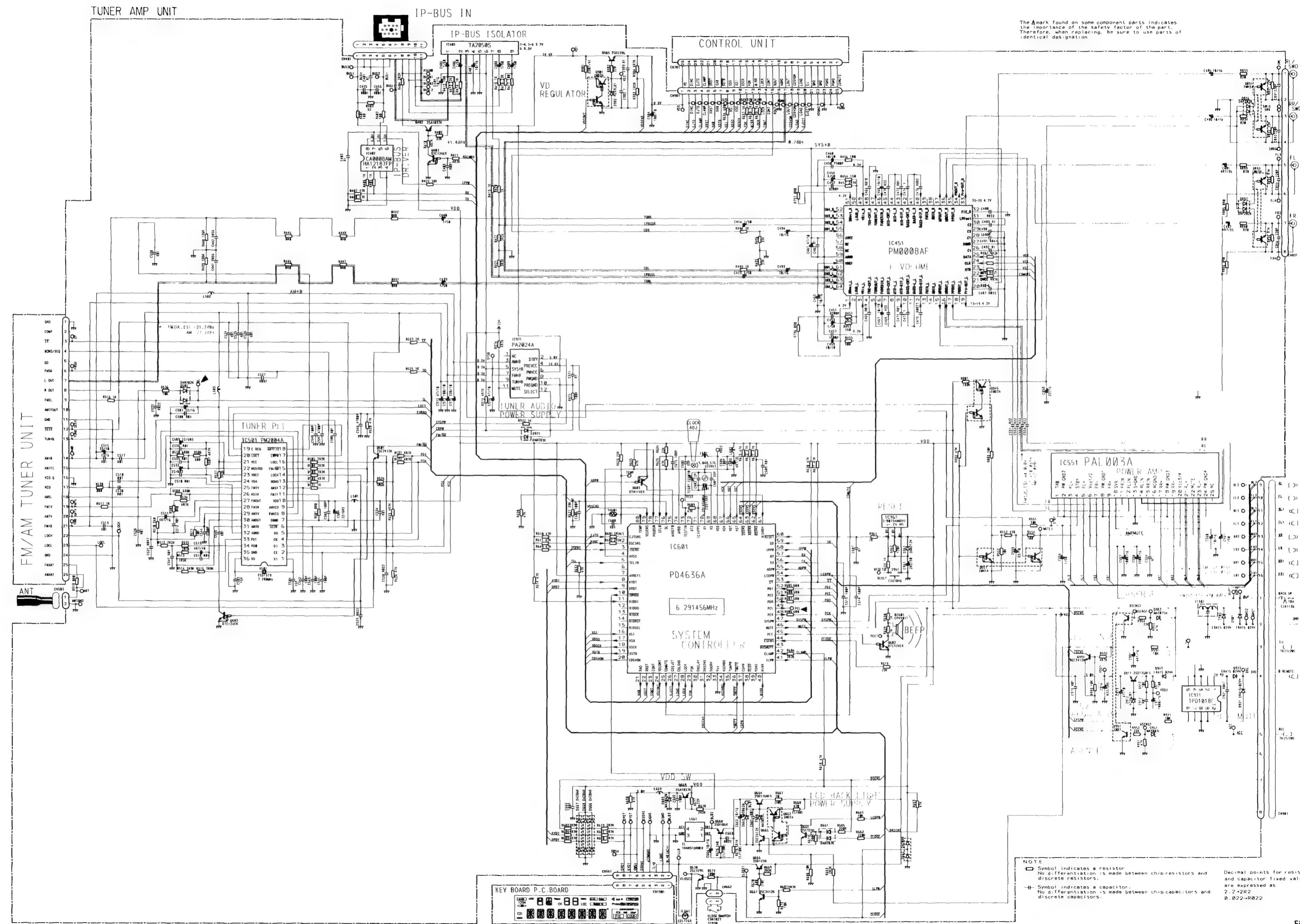
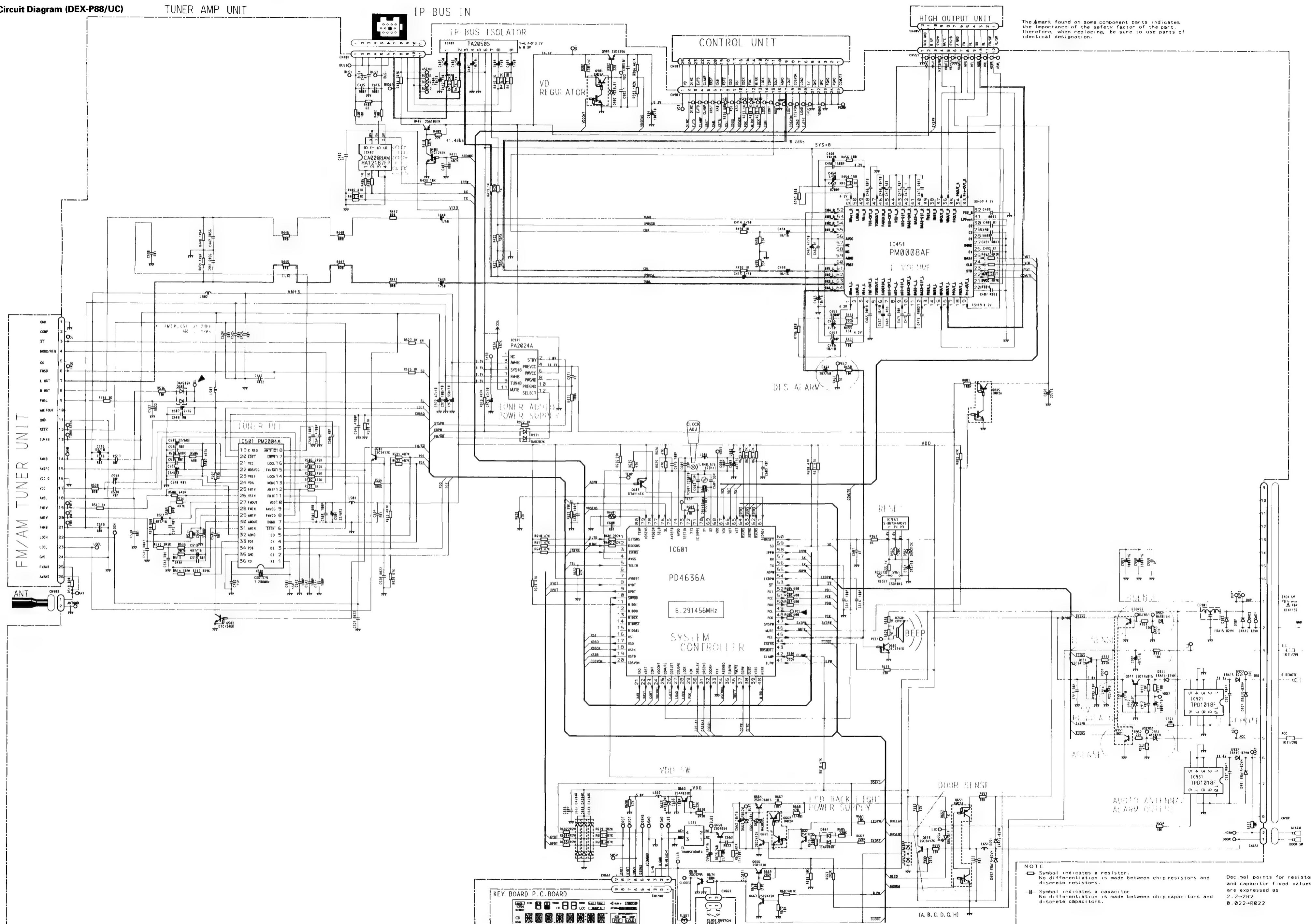


Fig.14

● Circuit Diagram (DEX-P88/UC)

TUNER AMP UNIT

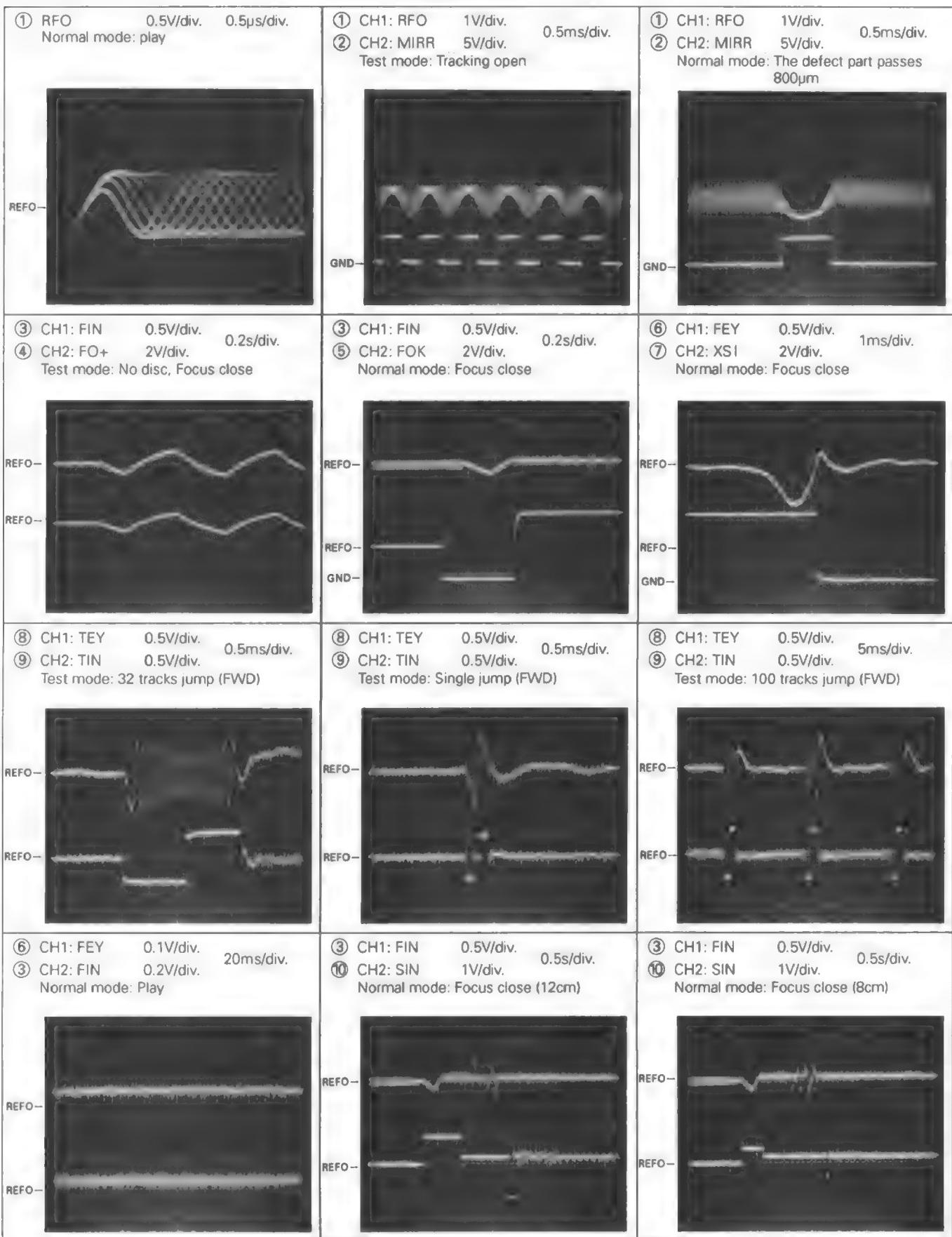


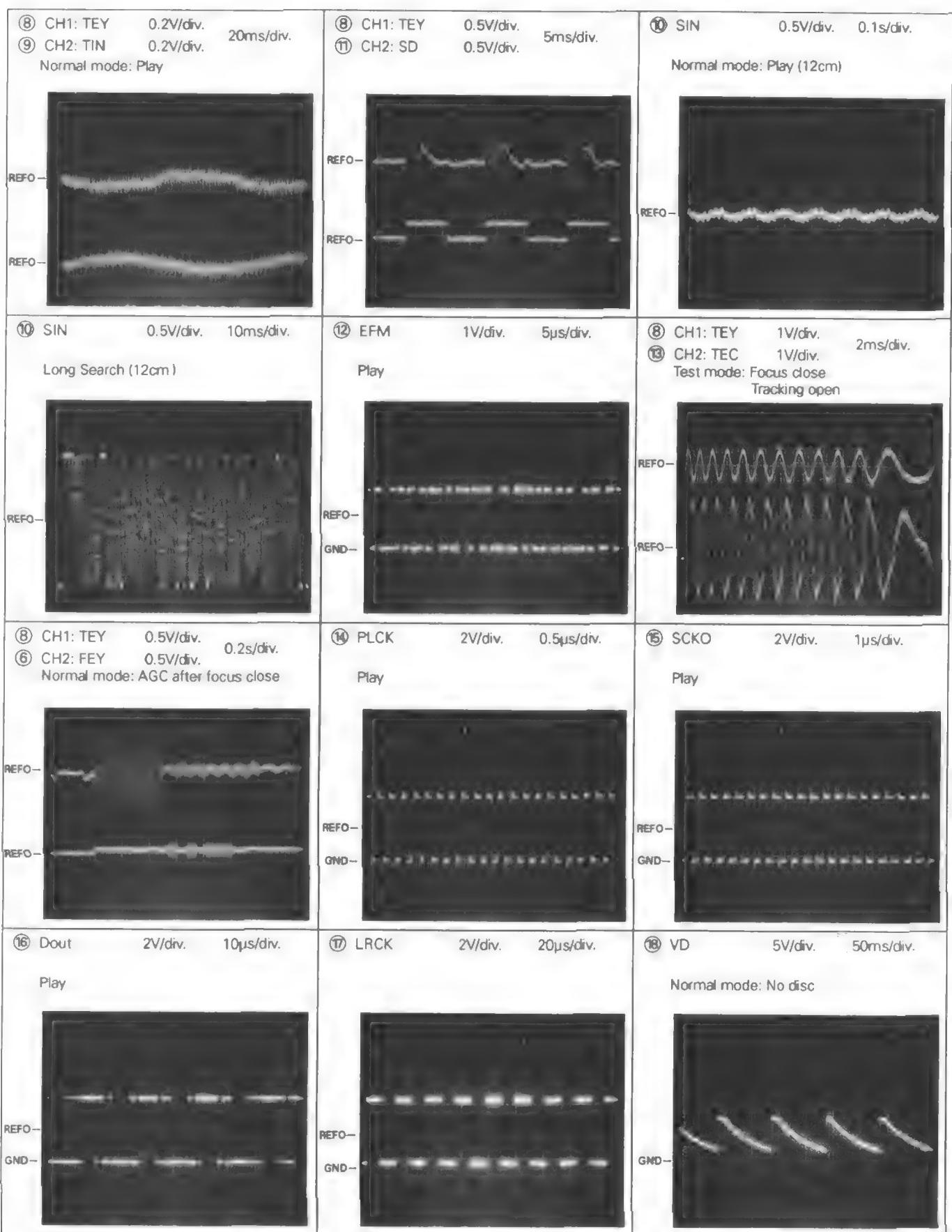
Symbol indicates a resistor.  
No differentiation is made between chip resistors and discrete resistors.  
Symbol indicates a capacitor.  
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as  
2.2-2R2  
0.022-R022

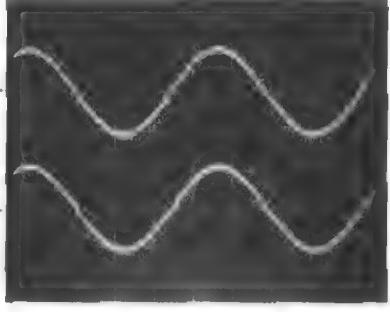
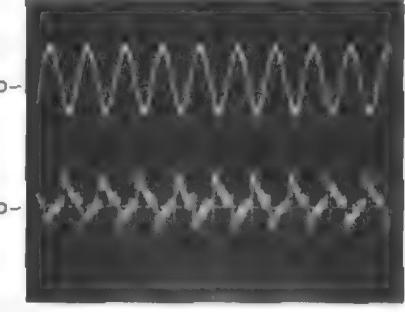
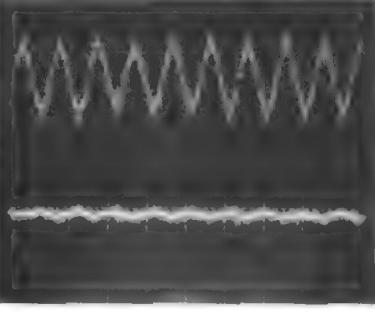
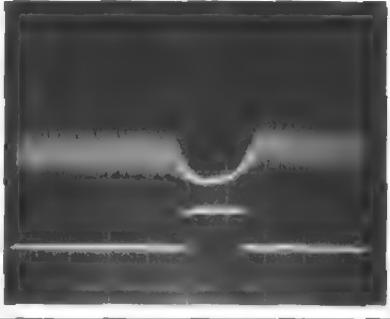
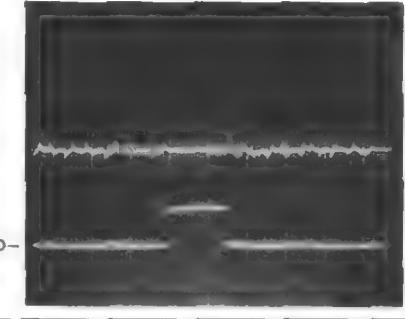
## ● Waveforms

Note: 1. The encircled numbers denote measuring pointes in the circuit diagram.  
 2. Reference voltage  
 REFO: 2.5V





**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

<p>⑯ CH1: R OUT 1V/div. 0.2ms/div.          ⑰ CH2: L OUT 1V/div. Normal mode: Play (1kHz 0dB)</p> 	<p>⑥ CH1: FEY 0.2V/div. 1ms/div.          ③ CH2: FIN 0.5V/div. Normal mode: During AGC</p> 	<p>⑧ CH1: TEY 0.2V/div. 1ms/div.          ⑨ CH2: TIN 0.5V/div. Normal mode: During AGC</p> 
<p>① CH1: RFO 1V/div. 0.5ms/div.          ㉑ CH2: HOLD 5V/div. Normal mode: The defect part passes 800μm</p> 	<p>③ CH1: FIN 1V/div. 0.5ms/div.          ㉑ CH2: HOLD 5V/div. Normal mode: The defect part passes 800μm</p> 	

## 11.2 CD MECHANISM MODULE

### ● Connection Diagram

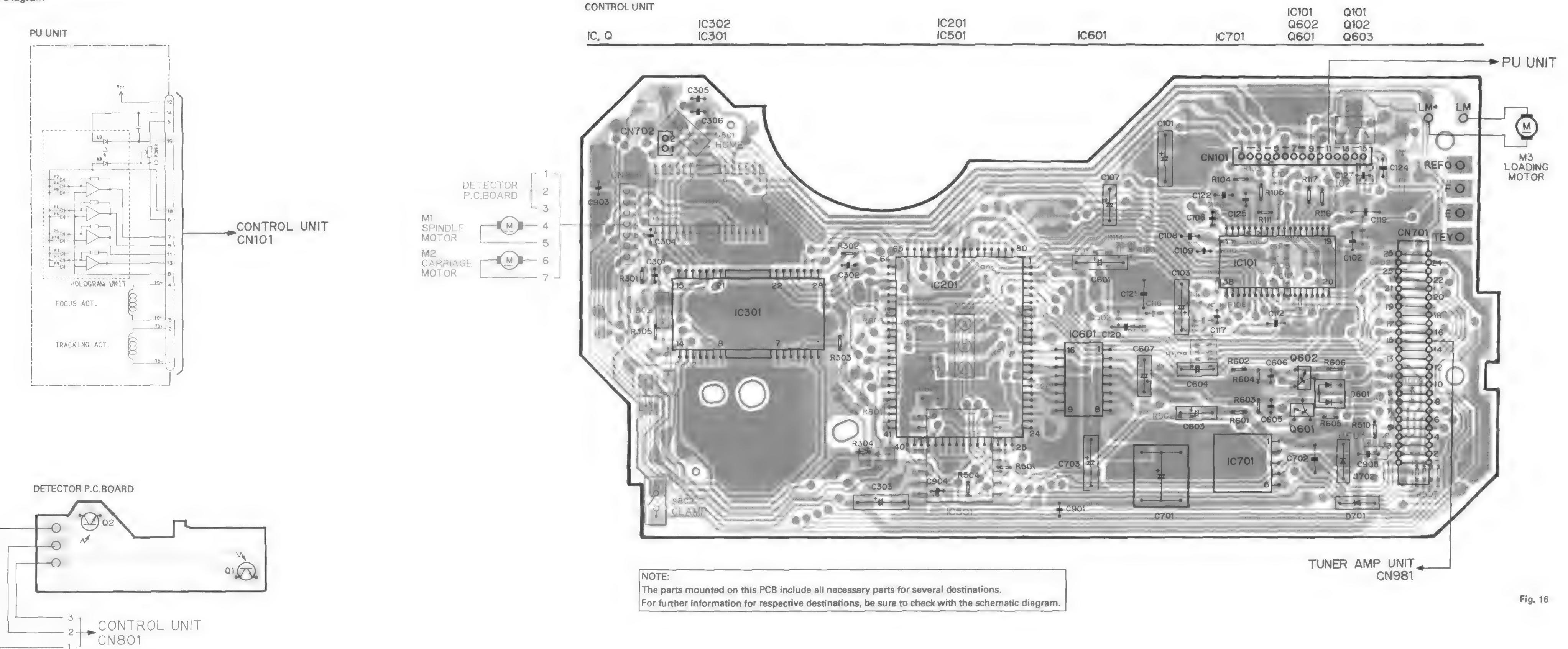
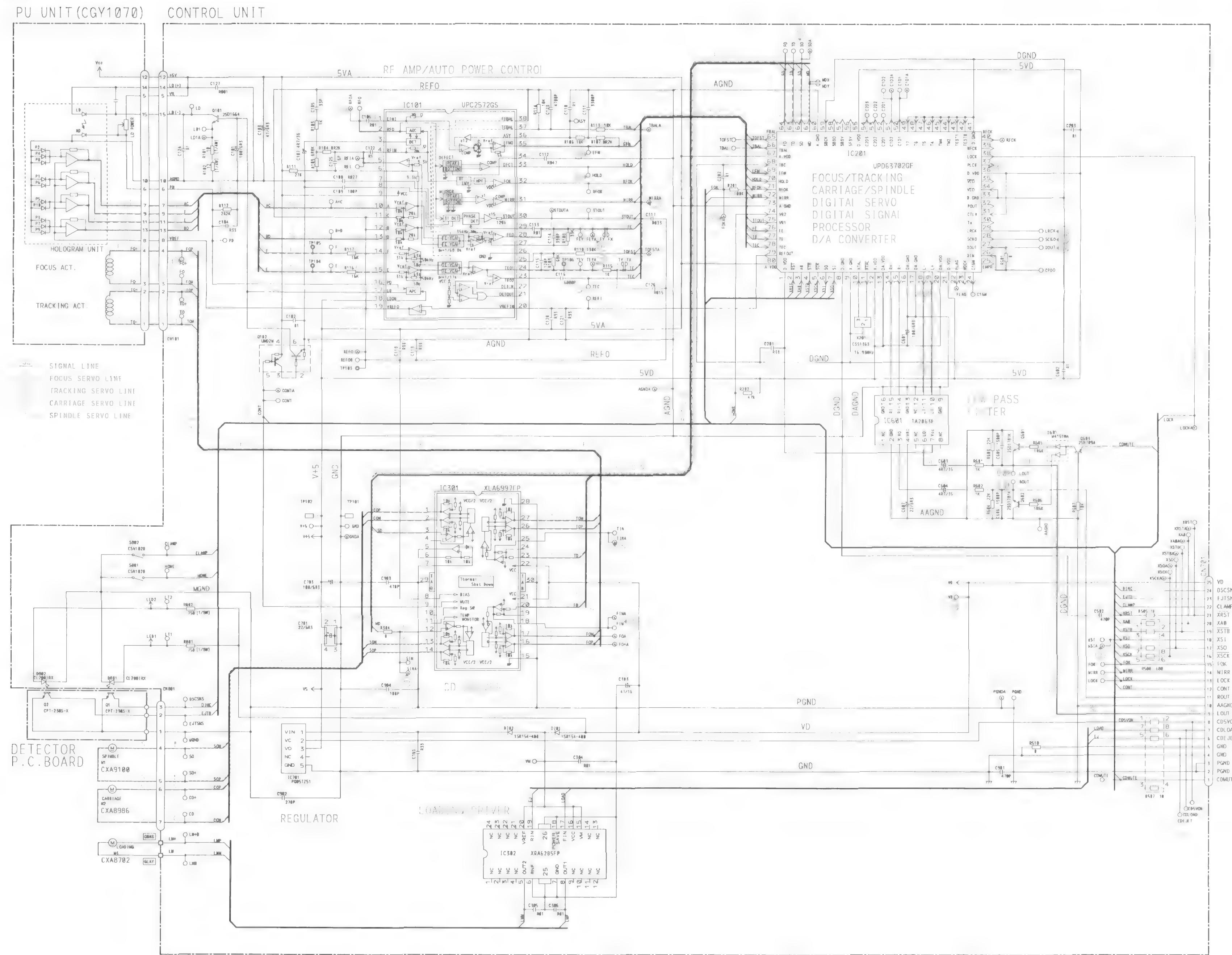


Fig. 16

● Circuit Diagram



### 11.3 KEY BOARD P.C.BOARD

#### ● Circuit Diagram

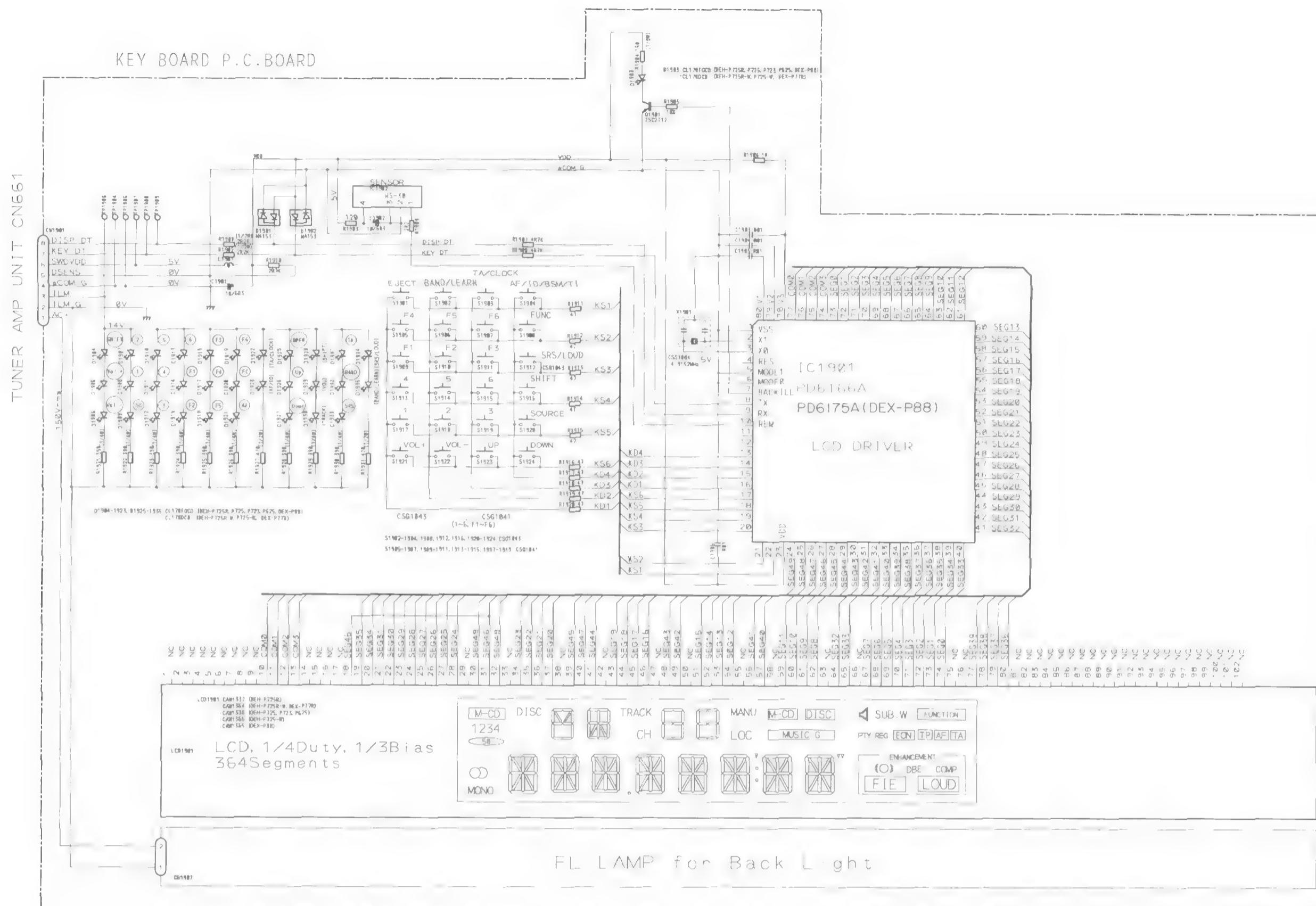


Fig. 18

#### ● Connection Diagram

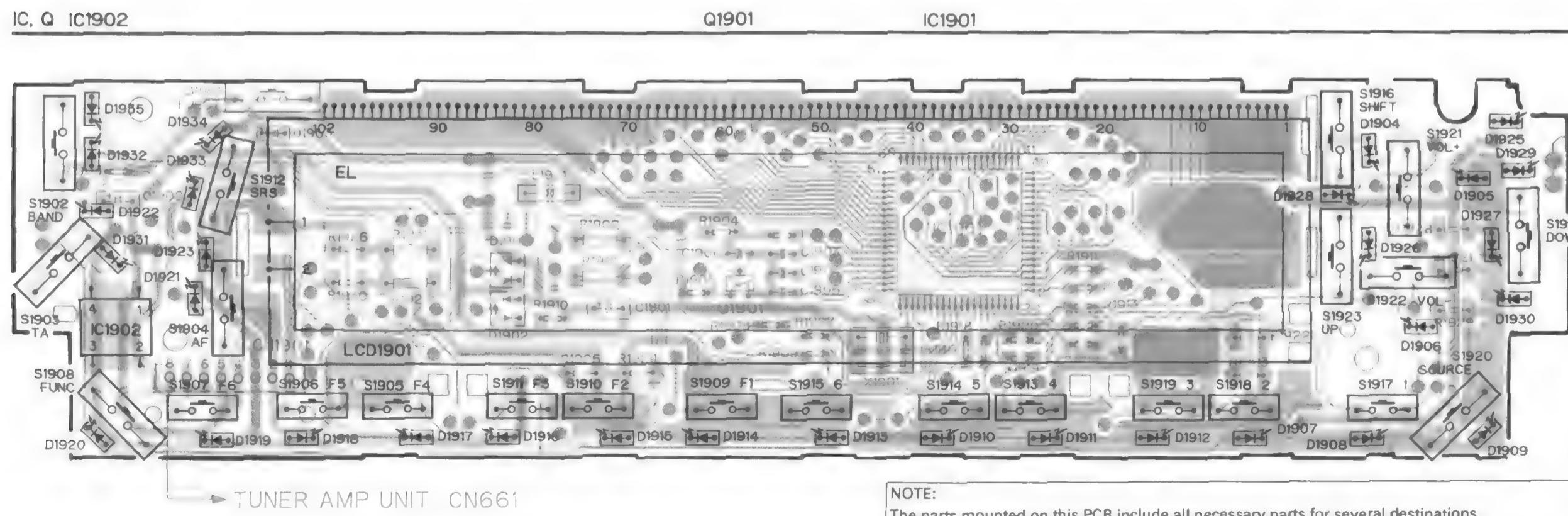
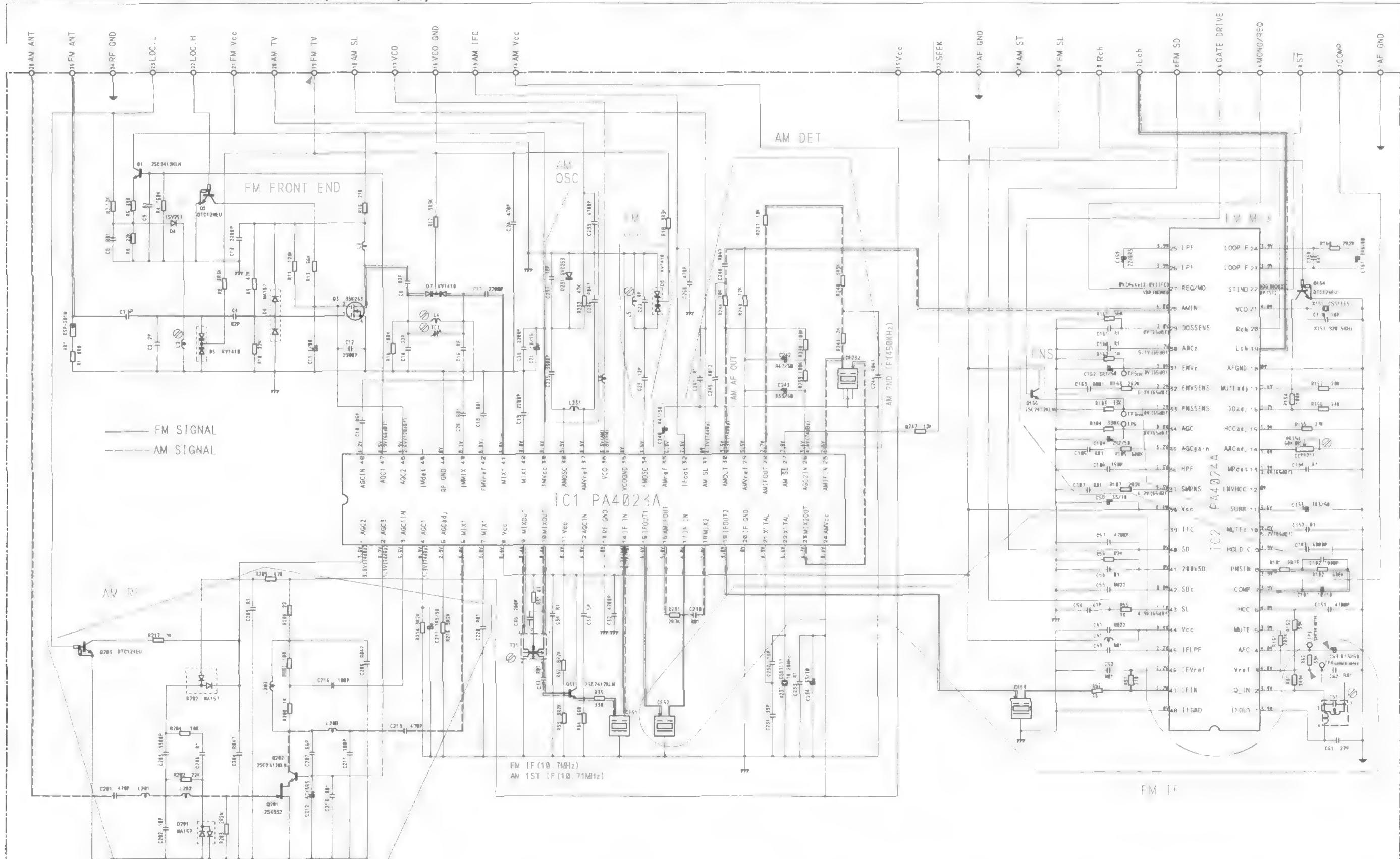


Fig. 19

## 11.4 FM/AM TUNER UNIT

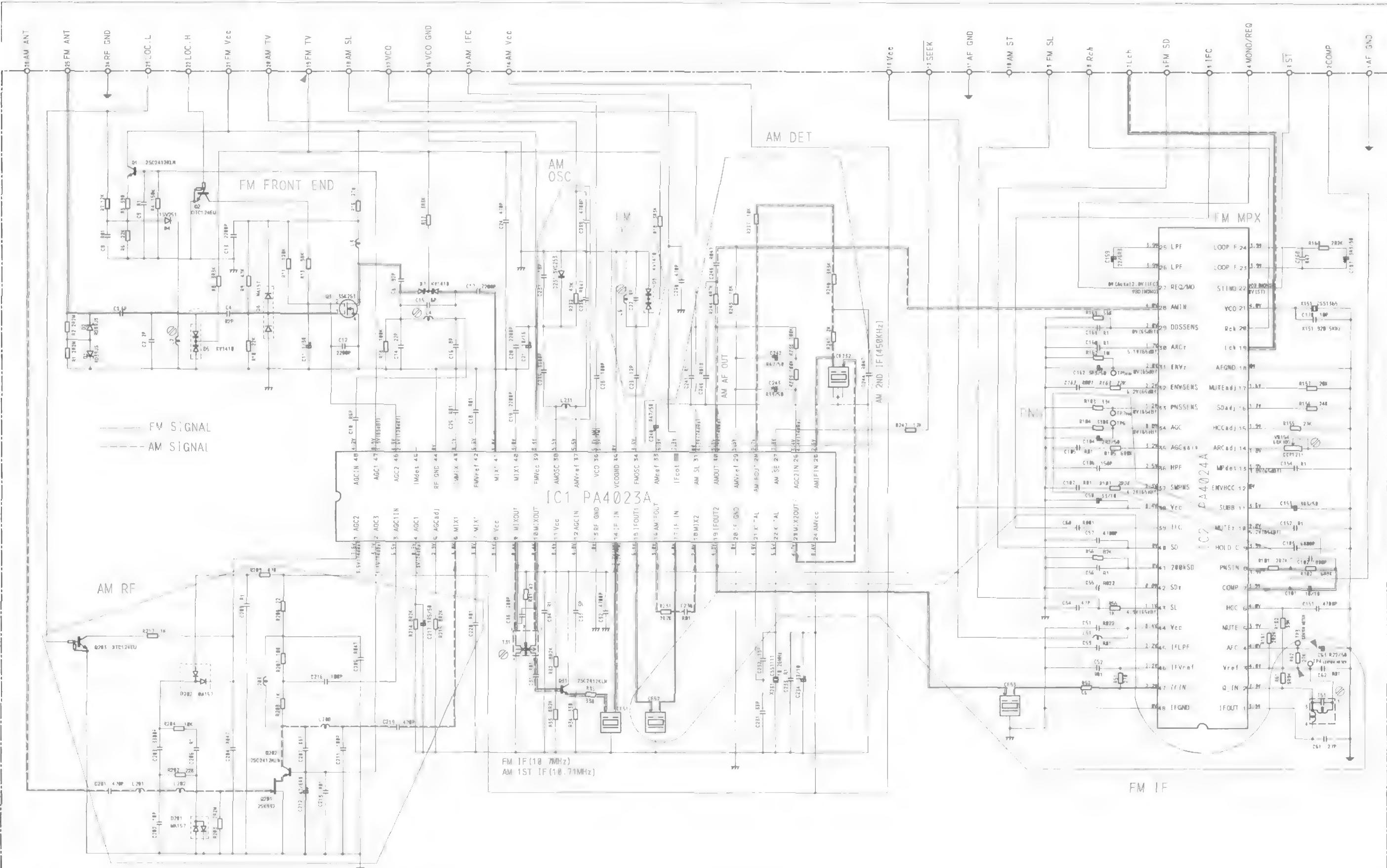
● Circuit Diagram (DEH-P725R/EW, P725R-W/EW, DEX-P77R/EW)

TUNER AMP UNIT



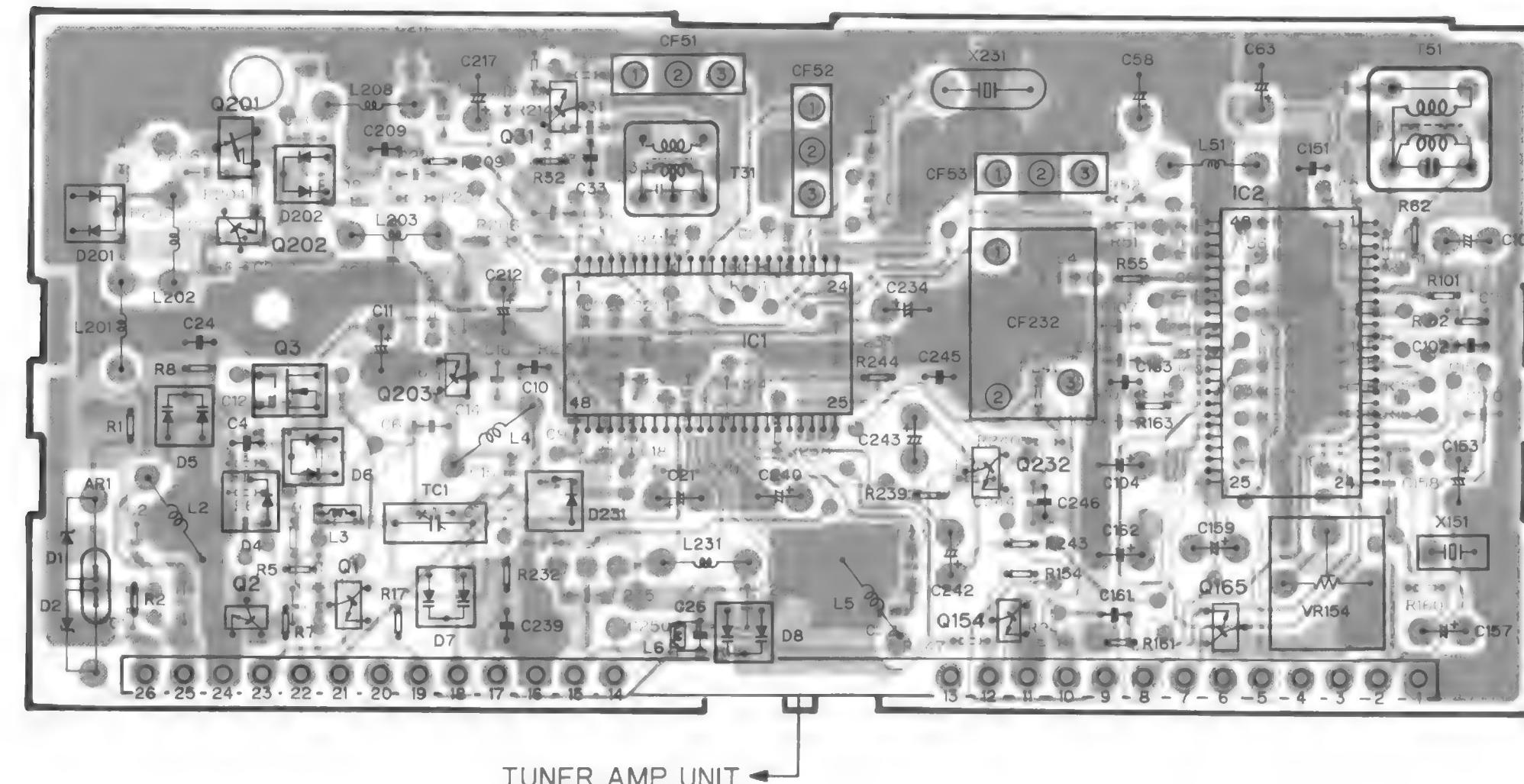
● Circuit Diagram (DEH-P725/UC, P725-W/UC, P723/ES, P625/UC, DEX-P88/UC)

## TUNER AMP UNIT



● Connection Diagram

IC, Q	Q201 Q202 Q2	Q3 Q1	Q203	Q31	IC1	Q232 Q154	Q165	IC2
ADJ	L2	TC1	L4	T31	L5	VR154	T51	



NOTE:

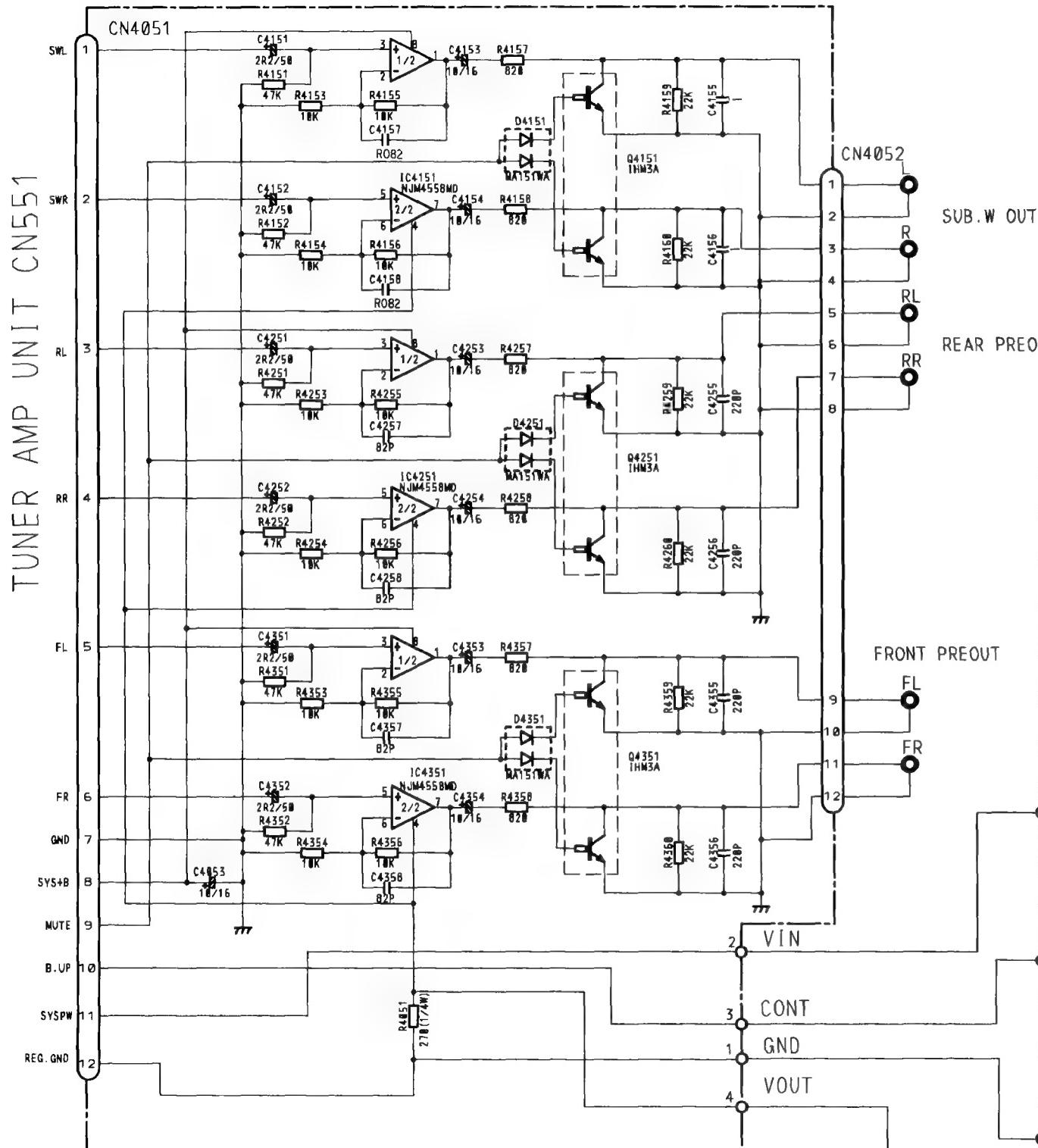
The parts mounted on this PCB include all necessary parts for several destinations.  
For further information for respective destinations, be sure to check with the schematic diagram.

Fig. 22

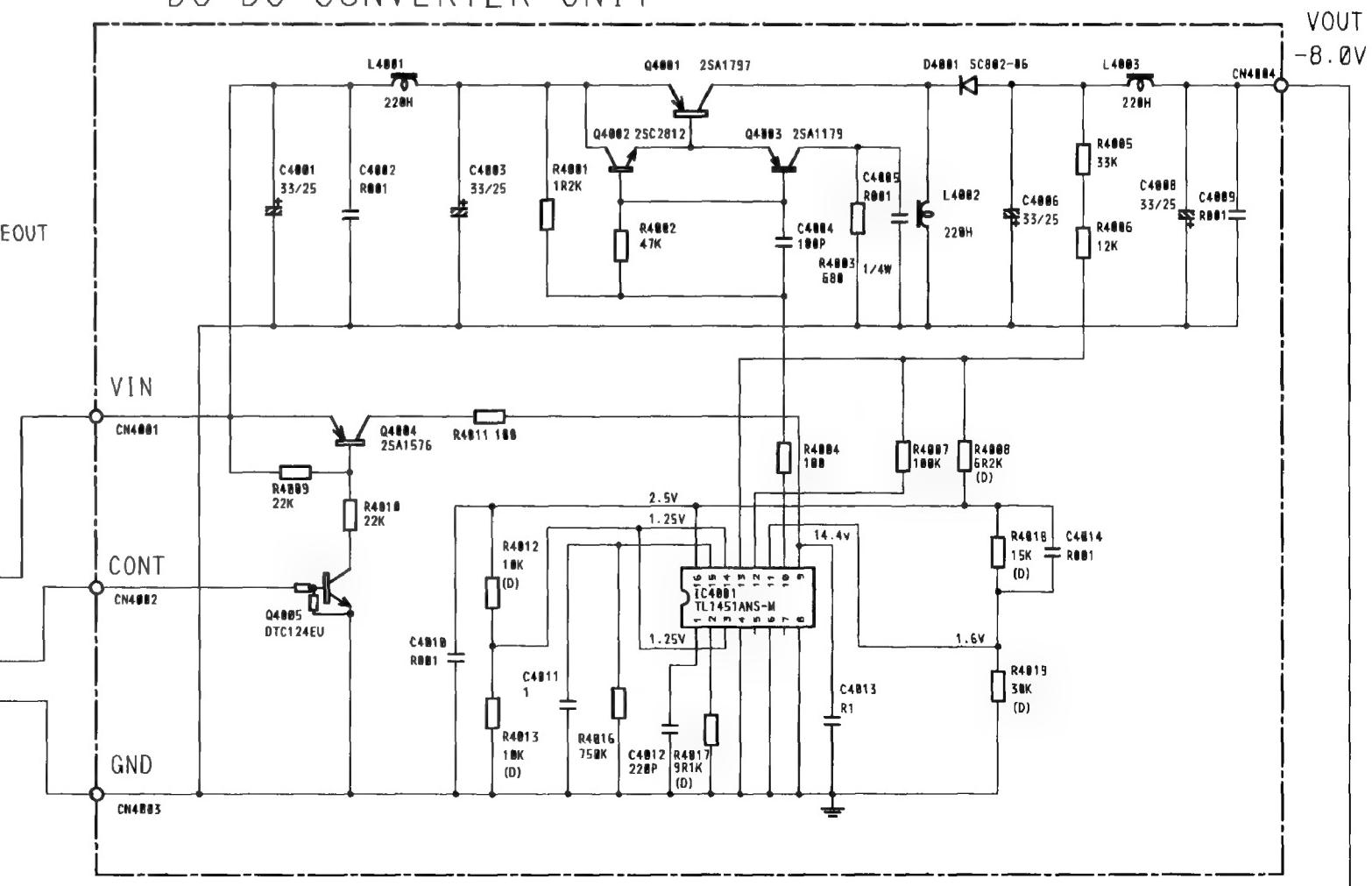
## 11.5 HIGH OUTPUT UNIT, DC-DC CONVERTER UNIT

### ● Circuit Diagram (DEX-P77R/EW, P88/UC)

#### HIGH OUTPUT UNIT



#### DC-DC CONVERTER UNIT



● Connection Diagram

HIGH OUTPUT UNIT

Q4151  
IC, Q IC4151 IC4251 Q4251      IC4351 Q4351

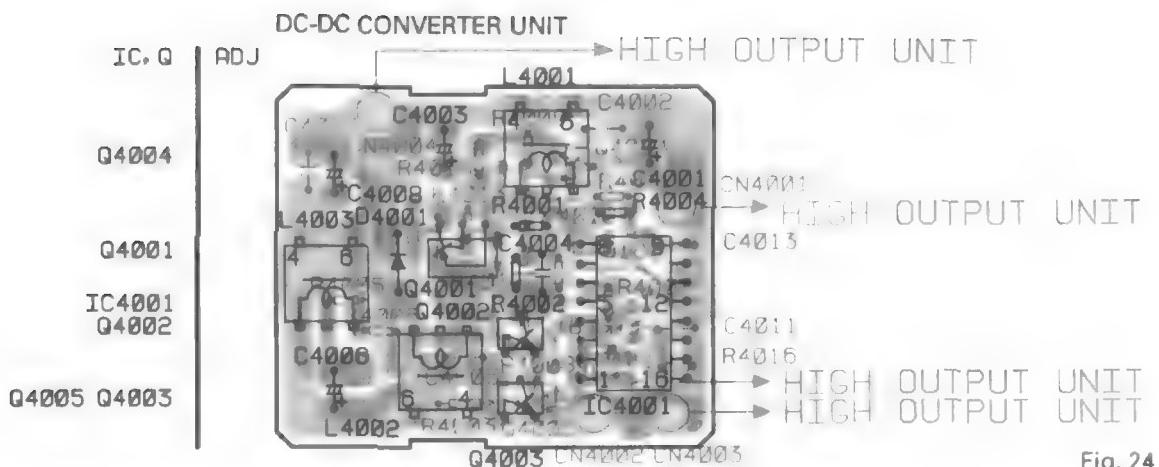
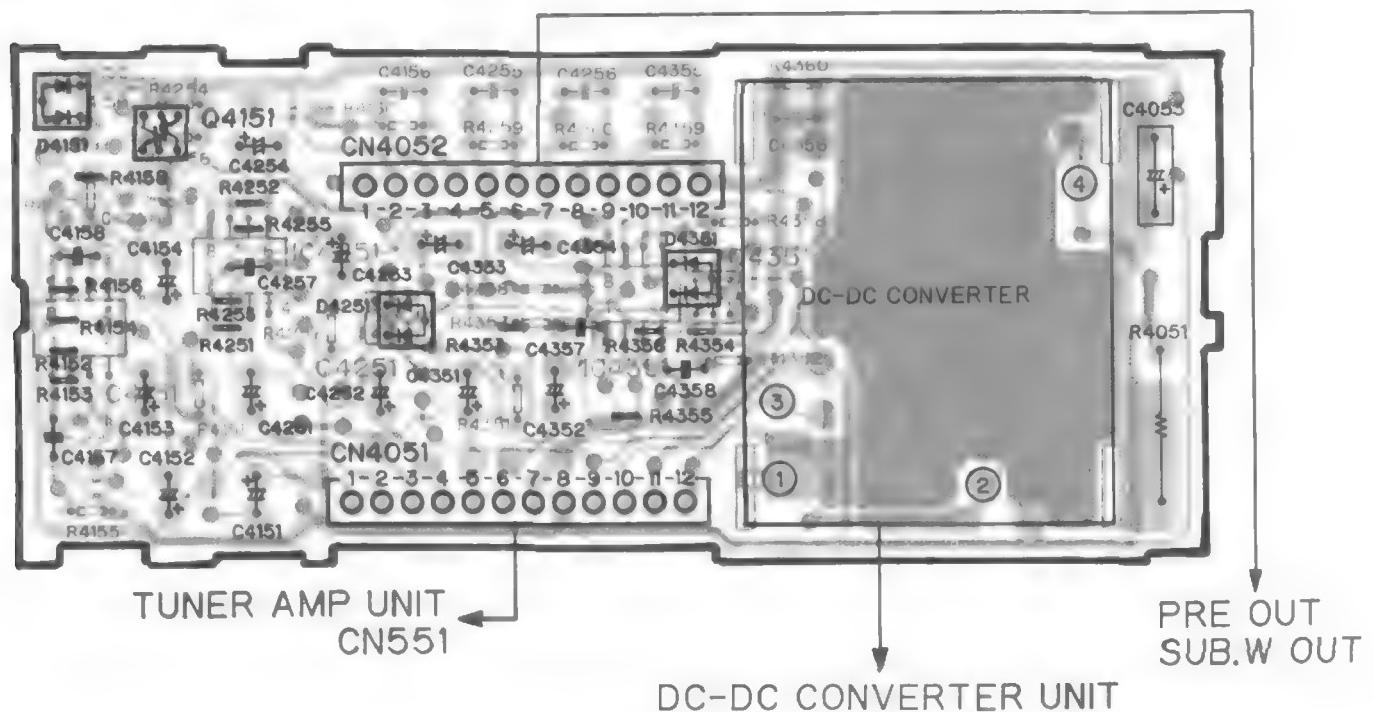


Fig. 24

## **12. EXPLODED VIEW AND PARTS LIST**

## **12.1 CHASSIS**

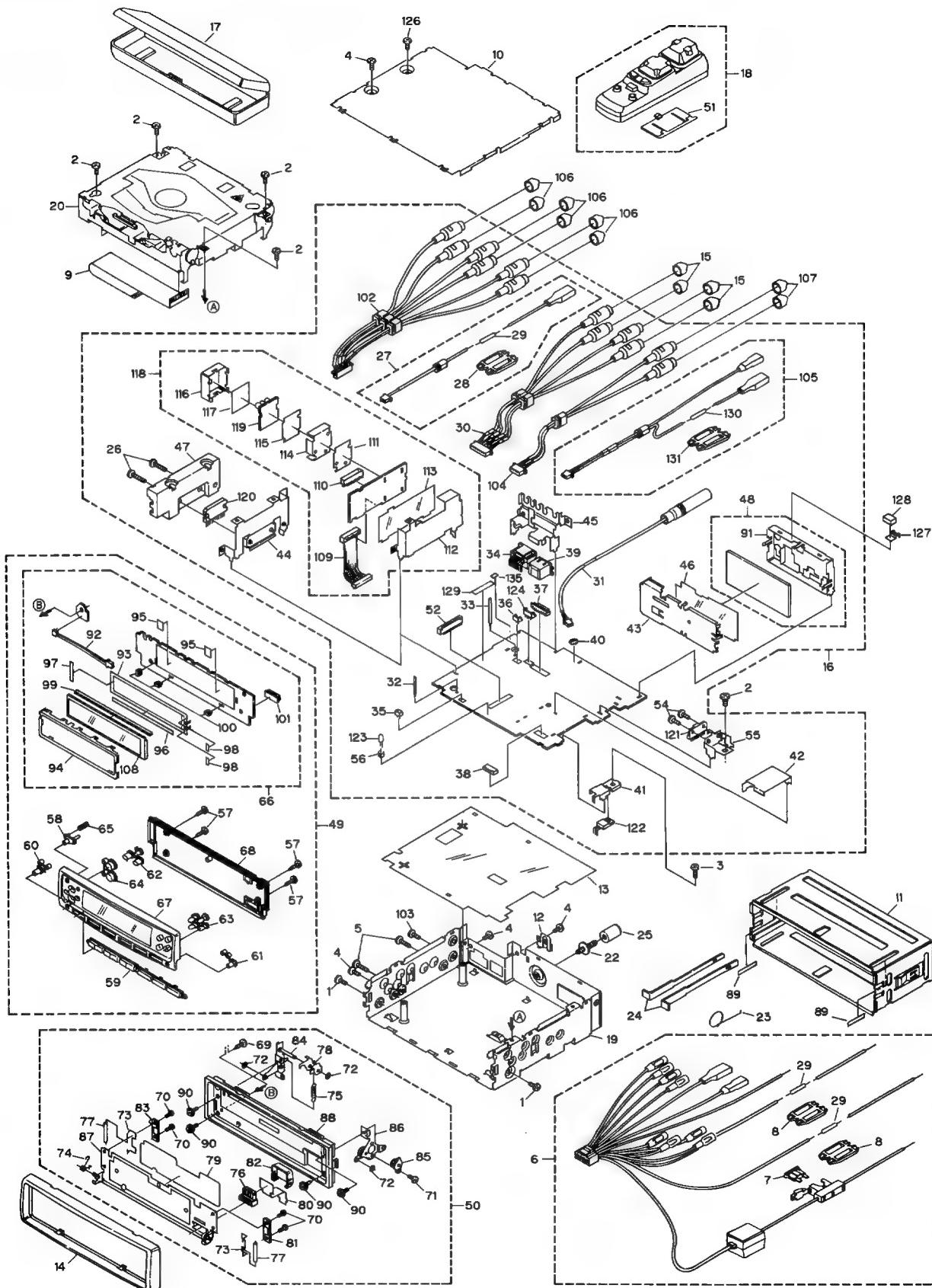


Fig. 25

● CDE4976 (DEH-P725/UC, P725-W/UC, P625/UC)

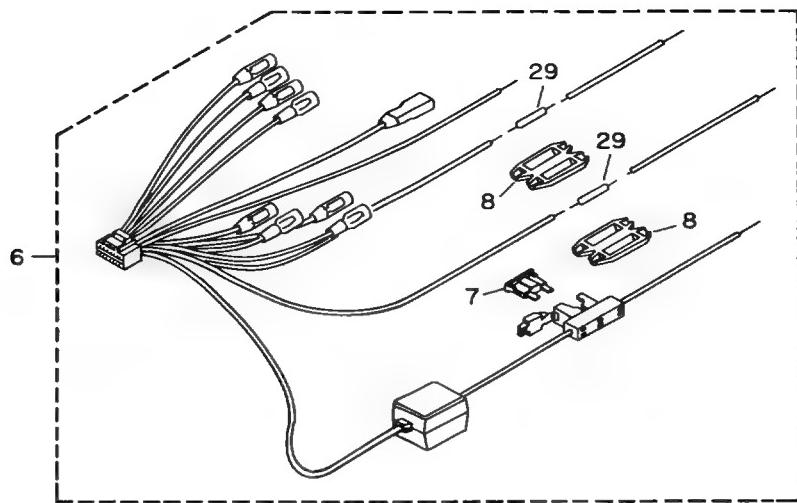


Fig. 26

● CDE4799 (DEX-P77R/EW)

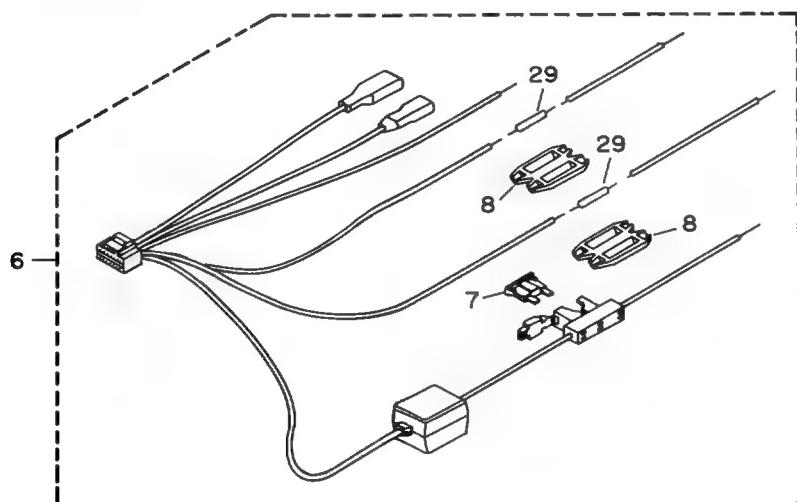


Fig. 27

● CDE4970 (DEX-P88/UC)

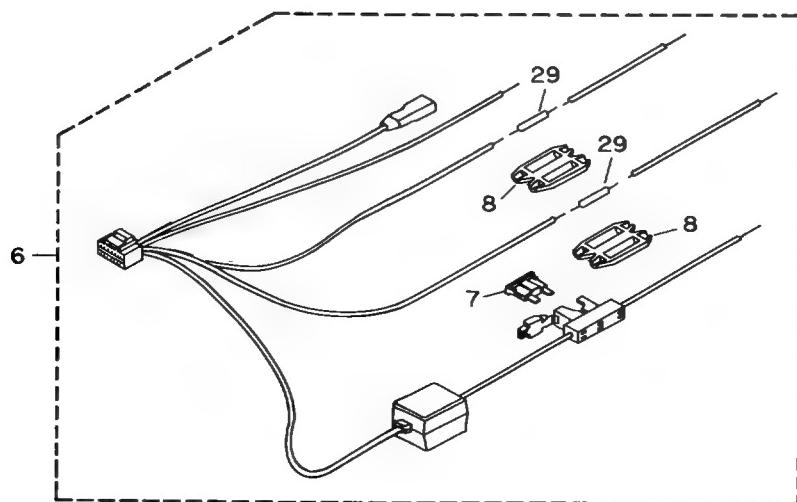


Fig. 28

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

**NOTE:**

● Parts marked by “\*” are generally unavailable because they are not in our Master Spare Parts List.

**● Parts List**

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
1	Screw	BMZ30P040FMC		46	Insulator	CNM4684	
2	Screw	BSZ26P050FMC		47	Heat Sink	CNR1408	
3	Screw	BSZ26P080FMC		48	FM/AM Tuner Unit	CWE1416	
4	Screw	BSZ30P060FMC		49	Detach Grille Assy	CXA8148	
5	Screw	BMZ30P160FMC		50	Panel Assy	CXA8327	
6	Cord Assy	CDE4648		51	Cover	CNS3477	
7	Fuse(10A)	CEK1136		52	Connector(CN981)	CKS2774	
8	Cap	CNS1472		53	.....		
9	Connector	CDE4864		54	Screw	BSZ30P060FMC	
10	Case	CNB2063		55	Holder	CNC6141	
11	Holder	CNC4946		56	Holder	CNV1906	
12	Holder	CNC4963		57	Screw	BPZ20P080FZK	
13	Insulator	CNM4523		58	Button(-)	CAC4475	
14	Panel	CNS3113		59	Button	CAC4476	
15	Cap	CNV2680		60	Button(SO)	CAC4478	
16	Tuner Amp Unit	CWX1916		61	Button(F)	CAC4479	
17	Case Assy	CXA7194		62	Button	CAC4481	
18	Remote Control Assy	CXA8688		63	Button	CAC4518	
19	Chassis Unit	CXA8966		64	Button(+,-)	CAC4648	
20	CD Mechanism Module	CKX5001		65	Spring	CBH1844	
21	.....			66	Key Board Unit	CWM4444	
22	Screw	CBA1284		67	Grille Unit	CXA8355	
23	Spring	CBH-865		68	Cover Unit	CXA8707	
24	Handle	CNC4947		69	Screw	BPZ20P060FMC	
25	Bush	CNV1009		70	Screw	CBA1082	
26	Screw	BSZ26P140FMC		71	Screw	CBA1176	
27	Cord	CDE4787		72	Washer	CBF1001	
28	Cap	CNS1472		73	Spring	CBH1528	
29	Resistor	RS1/2P102JL		74	Spring	CBH1660	
30	Cord	CDE4994		75	Spring	CBH1696	
31	Antenna Cable	CDH1146		76	Connector	CKS2780	
32	Clamper	CEF1004		77	Roller	CLA2041	
33	Clamper	CEF1006		78	Arm	CNC5640	
34	Plug(CN901)	CKM1187		79	Sheet	CNM4179	
35	Plug(CN662)	CKS-783		80	P.C.Board	CNP3847	
36	Plug(CN651)	CKS1222		81	Holder	CNV2141	
37	Plug(CN831)	CKS1242		82	Cover	CNV3965	
38	Connector(CN661)	CKS2212		83	Holder	CNV4105	
39	Connector(CN401)	CKS2480		84	Holder Unit	CXA7077	
40	Jack(CN503)	CKX1046		85	Damper Unit	CXA7714	
41	Holder	CNC5013		86	Holder Unit	CXA7794	
42	Holder	CNC5968		87	Holder Unit	CXA7959	
43	Holder	CNC6526		88	Panel Unit	CXA8347	
44	Bracket	CNC6656	*	89	Spacer	CNM4888	
45	Bracket	CNC6559		90	Screw	PMS20P030FZK	

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
	91	Holder	CNC6555		101	Connector(CN1901)	CKS2733
	92	Cord	CDE4387		102-107	.....	
	93	EL	CEL1424		108	LCD(LCD1901)	CAW1337
	94	Holder	CNC6142		109-119	.....	
	95	Film	CNM4349		120	IC(IC551)	PAL003A
*	96	Spacer	CNM4751		121	IC(IC971)	PA2024A
*	97	Spacer	CNM4752		122	Transistor(Q983)	2SD2396
*	98	Spacer	CNM4753		123	Lamp(IL661)	CEL1263
	99	Connector	CNV4430		124,125	.....	
	100	Guide	CNV4431		126	Screw	BSZ30P060FMC
					127	Holder	CNC6469
					128	Cushion	CNM4387

- The DEH-P725R-W/EW, DEX-P77R/EW, DEH-P725/UC, DEH-P725-W/UC, DEH-P723/ES, DEH-P625/UC and DEX-P88/UC Parts Lists enumerate the parts which differ from those enumerated in the DEH-P725R/EW Parts List only. The parts other than those enumerated in the former are identical with those in the latter, to which you are requested to refer, accordingly. The DEH-P725R/EW Parts List is given on page 88.

Mark	No.	Description	DEH-P725R/EW	DEH-P725R-W/EW	DEX-P77R/EW	DEH-P725/UC	DEH-P725-W/UC
			Part No.	Part No.	Part No.	Part No.	Part No.
	5	Screw	BMZ30P160FMC	BMZ30P160FMC	.....	BMZ30P160FMC	BMZ30P160FMC
	6	Cord Assy	CDE4648	CDE4648	.....	.....	.....
	10	Case	CNB2063	CNB2063	CNB2055	CNB2063	CNB2063
	14	Panel	CNS3113	CNS3534	CNS3399	CNS3113	CNS3113
	16	Tuner Amp Unit	CWX1916	CWX1916	CWX1947	CWX1915	CWX1915
	18	Remote Control Assy	CXA8688	CXA8774	CXA8903	CXA8688	CXA8688
	19	Chassis Unit	CXA8966	CXA8801	CXA8533	CXA8361	CXA8361
	22	Screw	CBA1284	CBA1284	CBA1284	.....	.....
	26	Screw	BSZ26P140FMC	BSZ26P140FMC	.....	BSZ26P140FMC	BSZ26P140FMC
	27	Cord	CDE4787	CDE4787	CDE4787	.....	.....
	30	Cord	CDE4994	CDE4994	.....	CDE5029	CDE5029
	36	Plug(CN651)	CKS1222	CKS1222	CKS1222	.....	.....
	37	Plug(CN831)	CKS1242	CKS1242	.....	CKS1242	CKS1242
	43	Holder	CNC6526	CNC6526	CNC6526	CNC6526	CNC6526
	44	Bracket	CNC6656	CNC6656	.....	CNC6656	CNC6656
	45	Bracket	CNC6559	CNC6559	CNC6558	CNC6559	CNC6559
	46	Insulator	CNM4684	CNM4684	CNM4684	CNM4684	CNM4684
	47	Heat Sink	CNR1408	CNR1408	.....	CNR1408	CNR1408
	48	FM/AM Tuner Unit	CWE1416	CWE1416	CWE1416	CWE1417	CWE1417
	49	Detach Grille Assy	CXA8148	CXA8777	CXA8508	CXA8147	CXA8873
	50	Panel Assy	CXA8327	CXA8509	CXA8509	CXA8711	CXA8876
	59	Button	CAC4476	CAC4678	CAC4636	CAC4544	CAC4735
	60	Button(SO)	CAC4478	CAC4679	CAC4759	CAC4478	CAC4679
	61	Button(F)	CAC4479	CAC4680	CAC4760	CAC4479	CAC4680
	63	Button	CAC4518	CAC4518	CAC4620	CAC4517	CAC4517

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

Mark	No.	Description	DEH-P725R/EW Part No.	DEH-P725R-W/EW Part No.	DEX-P77R/EW Part No.	DEH-P725/UC Part No.	DEH-P725-W/UC Part No.
	64	Button (+, -)	CAC4648	CAC4758	CAC4758	CAC4648	CAC4758
	66	Key Board Unit	CWM4444	CWM4445	CWM4445	CWM4443	CWM4448
	67	Grille Unit	CXA8355	CXA8779	CXA8643	CXA8354	CXA8874
	68	Cover Unit	CXA8707	CXA8781	CXA8695	CXA8707	CXA8781
	88	Panel Unit	CXA8347	CXA8696	CXA8696	CXA8708	CXA8875
	102	Cord	.....	.....	CDE4801	.....	.....
	103	Screw	.....	.....	BSZ30P060FMC	.....	.....
	104	Cord	.....	.....	.....	CDE4995	CDE4995
	105	Cord	.....	.....	.....	.....	.....
	106	Cap	.....	.....	CNV2680	.....	.....
	107	Cap	.....	.....	.....	CNV2680	CNV2680
	108	LCD(LCD1901)	CAW1337	CAW1364	CAW1364	CAW1338	CAW1366
	109	Cord(CN4051)	.....	.....	CDE4807	.....	.....
	110	Plug(CN4052)	.....	.....	CKS1059	.....	.....
	111	Insulator	.....	.....	CNM4760	.....	.....
	112	Holder	.....	.....	CNC6143	.....	.....
	113	Insulator	.....	.....	CNM4573	.....	.....
	114	Shield	.....	.....	CNC6274	.....	.....
	115	Insulator	.....	.....	CNM4814	.....	.....
	116	Shield	.....	.....	CNC6224	.....	.....
	117	Insulator	.....	.....	CNM4610	.....	.....
	118	High Output Unit	.....	.....	CWX1922	.....	.....
	119	DC-DC Converter Unit	.....	.....	CWM4538	.....	.....
	120	IC(IC551)	PAL003A	PAL003A	.....	PAL003A	PAL003A
	124	Plug(CN832)	.....	.....	.....	CKS1238	CKS1238
	126	Screw	BSZ30P060FMC	BSZ30P060FMC	.....	BSZ30P060FMC	BSZ30P060FMC
	129	Insulator	.....	.....	CNM4815	.....	.....
	130	Resistor	.....	.....	.....	.....	.....
	131	Cap	.....	.....	.....	.....	.....
	132	Cord Assy	.....	.....	.....	CDE4976	CDE4976
	133	Cord	.....	.....	CDE4799	.....	.....
	134	Cord	.....	.....	.....	.....	.....
	135	Spacer	.....	.....	CNM4868	.....	.....

Mark	No.	Description	DEH-P725R/EW Part No.	DEH-P723/ES Part No.	DEH-P625/UC Part No.	DEX-P88/UC Part No.
	5	Screw	BMZ30P160FMC	BMZ30P160FMC	BMZ30P160FMC	.....
	6	Cord Assy	CDE4648	CDE4648	.....	.....
	10	Case	CNB2063	CNB2063	CNB2063	CNB2055
	14	Panel	CNS3113	CNS3113	CNS3113	CNS3113
	16	Tuner Amp Unit	CWX1916	CWX1917	CWX1919	CWX1914
	18	Remote Control Assy	CXA8688	CXA8688	.....	CXA8688
	19	Chassis Unit	CXA8966	CXA8361	CXA8361	CXA8532
	22	Screw	CBA1284	.....	.....	.....
	26	Screw	BSZ26P140FMC	BSZ26P140FMC	BSZ26P140FMC	.....
	27	Cord	CDE4787	CDE4787	.....	.....
	30	Cord	CDE4994	CDE4994	CDE4994	.....
	36	Plug(CN651)	CKS1222	CKS1222	.....	CKS1222
	37	Plug(CN831)	CKS1242	CKS1242	CKS1242	.....
	43	Holder	CNC6526	.....	.....	.....
	44	Bracket	CNC6656	CNC6656	CNC6656	.....

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

Mark	No.	Description	DEH-P725R/EW	DEH-P723/ES	DEH-P625/UC	DEX-P88/UC
			Part No.	Part No.	Part No.	Part No.
45	Bracket	CNC6559	CNC6559	CNC6560	CNC6558	
46	Insulator	CNM4684	CNM4684	.....	.....	
47	Heat Sink	CNR1408	CNR1408	CNR1408	.....	
48	FM/AM Tuner Unit	CWE1416	CWE1417	CWE1417	CWE1417	
49	Detach Grille Assy	CXA8148	CXA8149	CXA8151	CXA8146	
50	Panel Assy	CXA8327	CXA8327	CXA8711	CXA8327	
59	Button	CAC4476	CAC4545	CAC4545	CAC4545	
60	Button(SO)	CAC4478	CAC4478	CAC4478	CAC4478	
61	Button(F)	CAC4479	CAC4479	CAC4479	CAC4479	
63	Button	CAC4518	CAC4519	CAC4521	CAC4521	
64	Button (+, -)	CAC4648	CAC4648	CAC4648	CAC4648	
66	Key Board Unit	CWM4444	CWM4443	CWM4443	CWM4443	
67	Grille Unit	CXA8355	CXA8356	CXA8358	CXA8359	
68	Cover Unit	CXA8707	CXA8707	CXA8707	CXA8707	
88	Panel Unit	CXA8347	CXA8347	CXA8708	CXA8347	
102	Cord	.....	.....	.....	CDE4801	
103	Screw	.....	.....	.....	BSZ30P060FMC	
104	Cord	.....	.....	.....	.....	
105	Cord	.....	.....	.....	CDE4786	
106	Cap	.....	.....	.....	CNV2680	
107	Cap	.....	.....	.....	.....	
108	LCD(LCD1901)	CAW1337	CAW1338	CAW1338	CAW1365	
109	Cord(CN4051)	.....	.....	.....	CDE4807	
110	Plug(CN4052)	.....	.....	.....	CKS1059	
111	Insulator	.....	.....	.....	CNM4760	
112	Holder	.....	.....	.....	CNC6143	
113	Insulator	.....	.....	.....	CNM4573	
114	Shield	.....	.....	.....	CNC6274	
115	Insulator	.....	.....	.....	CNM4814	
116	Shield	.....	.....	.....	CNC6224	
117	Insulator	.....	.....	.....	CNM4610	
118	High Output Unit	.....	.....	.....	CWX1922	
119	DC-DC Converter Unit	.....	.....	.....	CWX4538	
120	IC(IC551)	PAL003A	PAL003A	PAL003A	.....	
124	Plug(CN832)	.....	.....	.....	.....	
126	Screw	BSZ30P060FMC	BSZ30P060FMC	BSZ30P060FMC	.....	
129	Insulator	.....	.....	.....	CNM4815	
130	Resistor	.....	.....	.....	RS1/2P102JL	
131	Cap	.....	.....	.....	CNS1472	
132	Cord Assy	.....	.....	CDE4976	.....	
133	Cord	.....	.....	.....	.....	
134	Cord	.....	.....	.....	CDE4970	
135	Spacer	.....	.....	.....	CNM4868	

**12.2 CD MECHANISM MODULE**

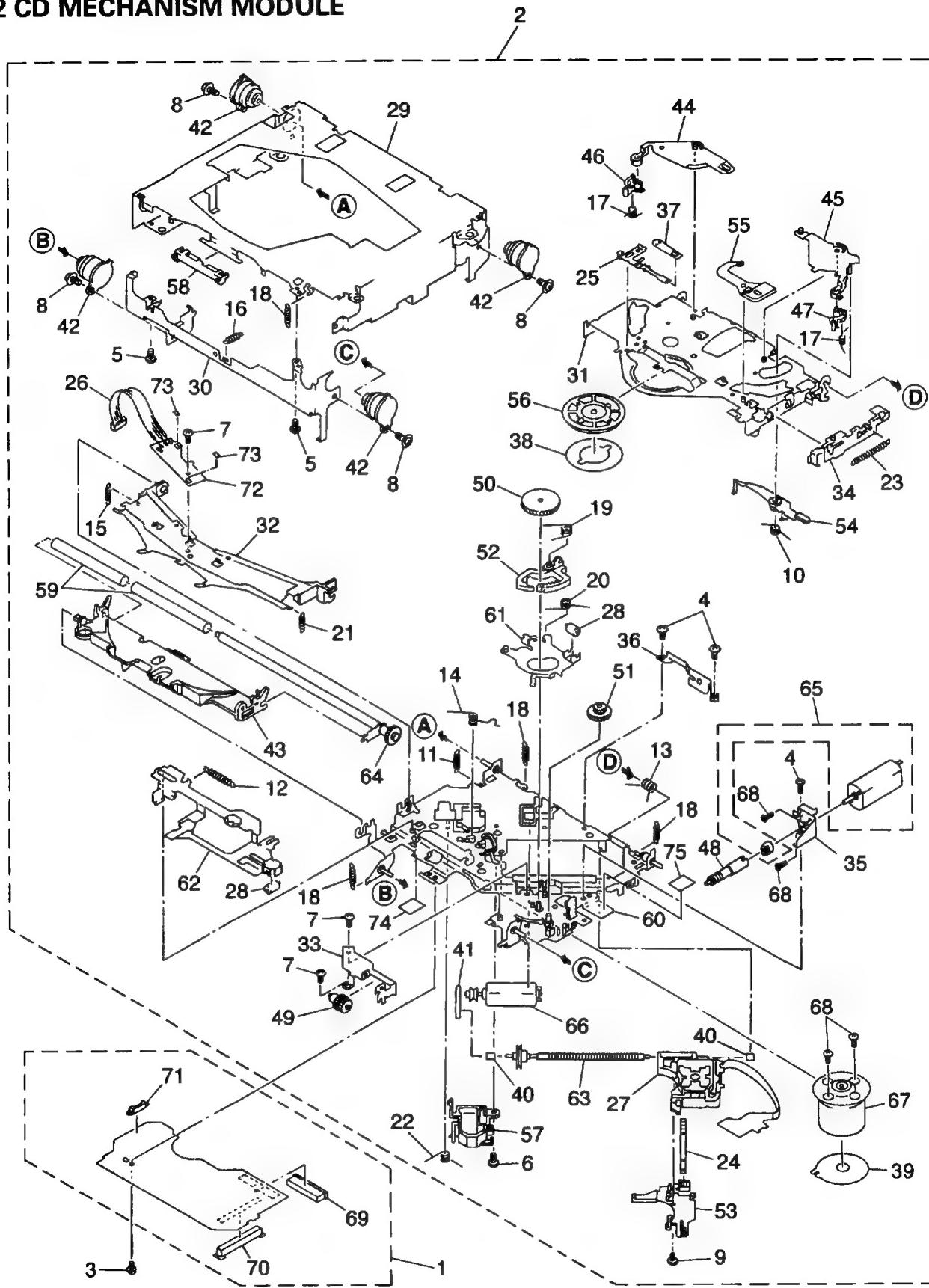


Fig. 29

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

**● Parts List**

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Control Unit	CWX1889	46	Arm	CNV4124
2	CD Mechanism Unit	CXA8870	47	Arm	CNV4125
3	Screw	PMS26P035FMC	48	Gear	CNV4128
4	Screw	BMZ20P030FMC	49	Gear	CNV4129
5	Screw	BSZ20P040FMC	50	Gear	CNV4130
6	Screw(M2×3)	CBA1077	51	Gear	CNV4131
7	Screw(M2×2)	CBA1250	52	Arm	CNV4136
8	Screw(M2×5)	CBA1296	53	Holder	CNV4663
9	Screw(M2×3.85)	CBA1362	54	Arm	CNV4138
10	Spring	CBH1916	55	Arm	CNV4139
11	Spring	CBH1724	56	Clamper	CNV4140
12	Spring	CBH1727	57	Holder	CNV4664
13	Spring	CBH1729	58	Guide	CNV4484
14	Spring	CBH1730	59	Roller	CNV4509
15	Spring	CBH1731	60	Chassis Unit	CXA8561
16	Spring	CBH1732	61	Arm Unit	CXA8565
17	Spring	CBH1736	62	Lever Unit	CXA8567
18	Spring	CBH1745	63	Screw Unit	CXA8699
19	Spring	CBH1832	64	Gear Unit	CXA8701
20	Spring	CBH1833	65	Load Motor Unit(M3)	CXA8702
21	Spring	CBH1848	66	CRG Motor Unit(M2)	CXA8986
22	Spring	CBH1849	67	Motor Unit(M1)	CXA9100
23	Spring	CBH1863	68	Screw	JFZ20P025FMC
24	Spring	CBL1214	69	Connector(CN101)	CKS1953
25	Spring	CBL1269	70	Connector(CN701)	CKS2774
26	Connector(CN1)	CDE4576	* 71	Connector(CN801)	CKS2196
27	PU Unit	CGY1070	* 72	Gathering P.C.Board	CNX2445
28	Roller	CLA2627	73	Photo-transistor(Q1, 2)	CPT-230S-X
29	Frame	CNC5796	74	Sheet	CNM4873
30	Frame	CNC5797	75	Cushion	CNM3917
* 31	Arm	CNC5799			
* 32	Arm	CNC5801			
* 33	Bracket	CNC5871			
* 34	Lever	CNC6054			
* 35	Bracket	CNC6056			
* 36	Bracket	CNC6376			
* 37	Spacer	CNM3315			
* 38	Sheet	CNM4849			
* 39	P.C.Board	CNP4230			
* 40	Bearing	CNR1415			
41	Belt	CNT1071			
42	Damper	CNV3974			
43	Arm	CNV4120			
44	Arm	CNV4122			
45	Arm	CNV4123			

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

### 13. PACKING METHOD

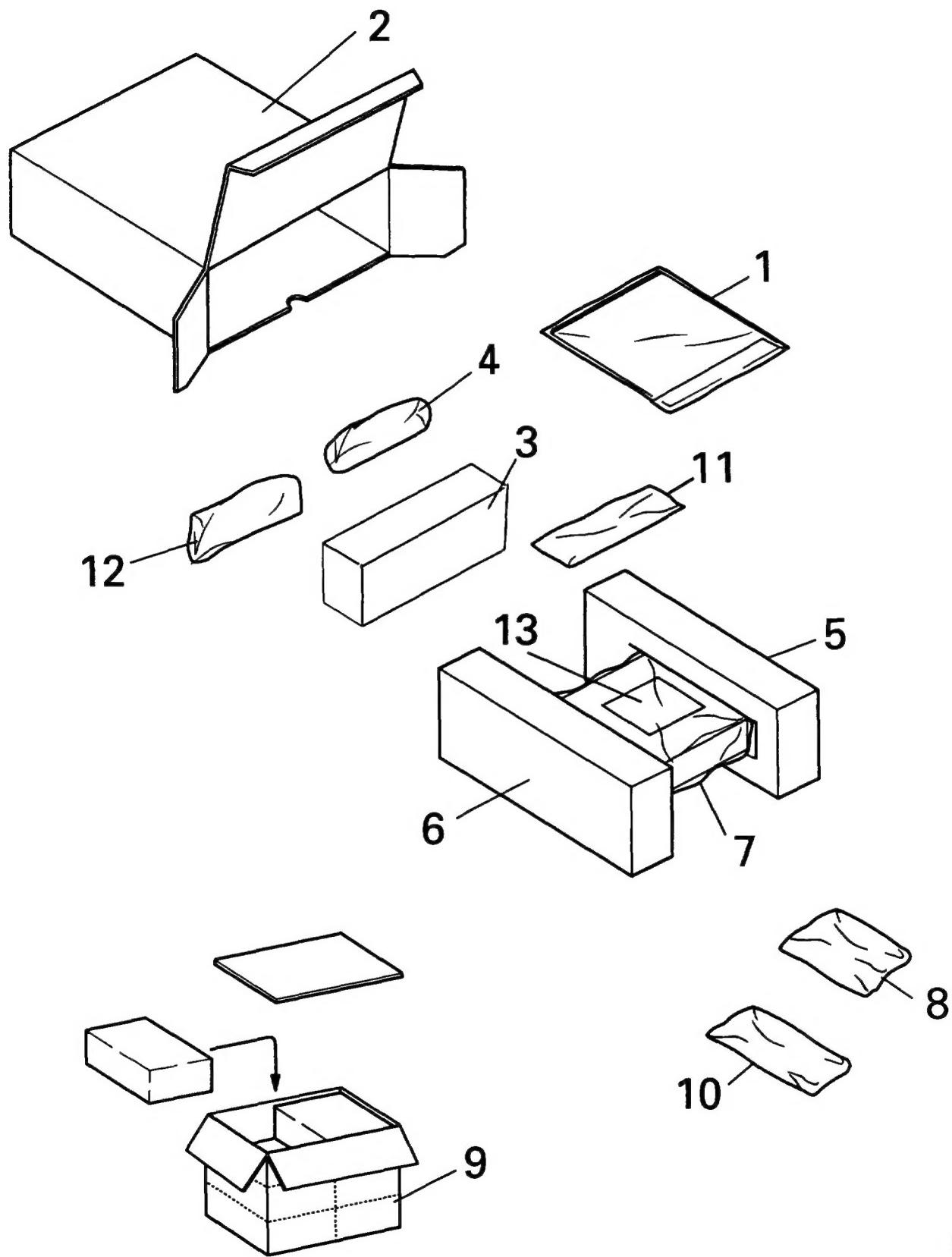


Fig.30

● Accessory Assy

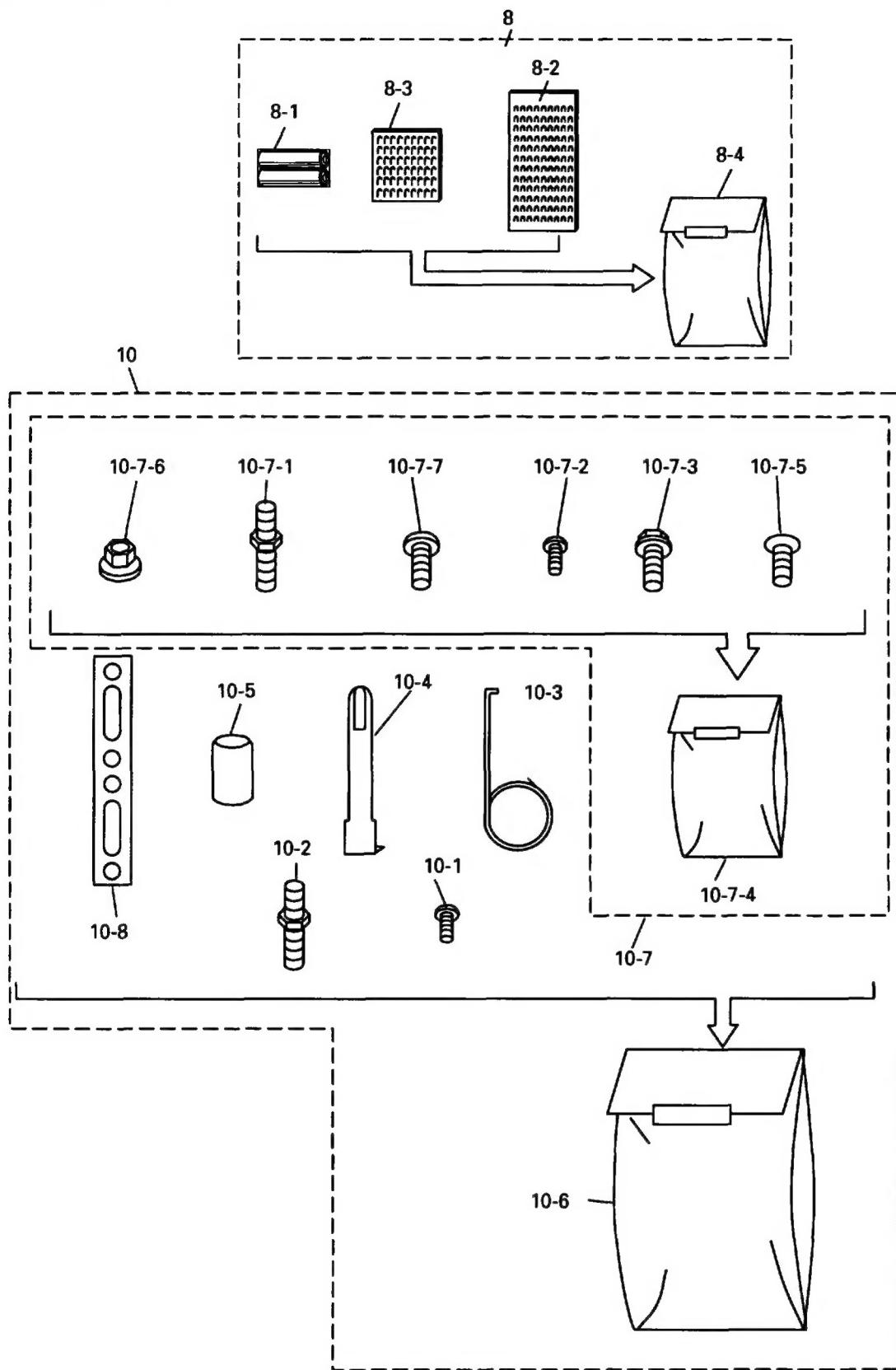


Fig.31

**DEH-P725R, P725R-W, P725, P725-W, P723, P625,  
DEX-P88, P77R**

**● Parts List**

Mark	No.	Description	DEH-P725R/EW	DEH-P725R-W/EW	DEX-P77R/EW	DEH-P725/UC	DEH-P725-W/UC
			Part No.	Part No.	Part No.	Part No.	Part No.
	1-1	Polyethylene Bag	CEG1116	CEG1116	CEG1116	CEG1116	CEG1116
	1-2	Owner's Manual	CRD1933	CRD1933	CRD1992	CRD1937	CRD1937
	1-3	Owner's Manual	CRD1934	CRD1934	CRD1993	.....	.....
	1-4	Owner's Manual	CRD1991	CRD1991	CRD1994	.....	.....
	1-5	Installation Manual	CRD2033	CRD2033	CRD2035	CRD1979	CRD1979
*	1-6	Passport	CRY1013	CRY1013	CRY1013	.....	.....
*	1-7	Warranty Card	CRY1087	CRY1087	CRY1087	.....	.....
	1-8	Chart	.....	.....	.....	CRB1376	CRB1376
*	1-9	Card	.....	.....	.....	ARY1048	ARY1048
*	1-10	Caution Card	.....	.....	CRP1144	.....	.....
	2	Carton	CHG2835	CHG2871	CHG2838	CHG2837	CHG2969
	3	Spacer	CHW1433	CHW1433	CHW1433	CHW1433	CHW1433
	4	Remote Control Assy	CXA8688	CXA8774	CXA8903	CXA8688	CXA8774
	5	Protector	CHP1766	CHP1766	CHP1766	CHP1766	CHP1766
	6	Protector	CHP1767	CHP1767	CHP1767	CHP1767	CHP1767
	7	Polyethylene Bag	CEG-162	CEG-162	CEG-162	CEG1173	CEG1173
	8	Accessory Assy	CEA2081	CEA2081	CEA2081	CEA2081	CEA2081
	8-1	Battery	CEX1006	CEX1006	CEX1006	CEX1006	CEX1006
	8-2	Fastener	CNM3729	CNM3729	CNM3729	CNM3729	CNM3729
	8-3	Fastener(X2)	CNM4256	CNM4256	CNM4256	CNM4256	CNM4256
*	8-4	Polyethylene Bag	E36-615	E36-615	E36-615	E36-615	E36-615
	9	Contain Box	CHL2835	CHL2871	CHL2838	CHL2837	CHL2969
	10	Accessory Assy	CEA2065	CEA2065	CEA2065	CEA2066	CEA2066
	10-1	Screw	CBA1120	CBA1120	CBA1120	.....	.....
	10-2	Screw	CBA1284	CBA1284	CBA1284	.....	.....
	10-3	Spring	CBH-865	CBH-865	CBH-865	CBH-865	CBH-865
	10-4	Handle(X2)	CNC4947	CNC4947	CNC4947	CNC4947	CNC4947
	10-5	Bush	CNV1009	CNV1009	CNV1009	CNV1009	CNV1009
	10-6	Polyethylene Bag	E36-615	E36-615	E36-615	CEG-158	CEG-158
	10-7	Screw Assy	.....	.....	.....	CEA2068	CEA2068
	10-7-1	Screw	.....	.....	.....	CBA1284	CBA1284
	10-7-2	Screw	.....	.....	.....	CBA1120	CBA1120
	10-7-3	Screw	.....	.....	.....	CBA-102	CBA-102
*	10-7-4	Polyethylene Bag	.....	.....	.....	CEG-127	CEG-127
	10-7-5	Screw(X4)	.....	.....	.....	CRZ50P090FMC	CRZ50P090FMC
	10-7-6	Nut(X2)	.....	.....	.....	NF50FMC	NF50FMC
	10-7-7	Screw(X4)	.....	.....	.....	TRZ50P080FMC	TRZ50P080FMC
	10-8	Strap	.....	.....	.....	CNF-111	CNF-111
	11	Cord Assy	CDE4648	CDE4648	.....	CDE4976	CDE4976
	11	Cord	.....	.....	CDE4799	.....	.....
	12	Case Assy	CXA7194	CXA7194	CXA7194	CXA7194	CXA7194
*	13	Caution Card	CRP1145	CRP1145	CRP1145	CRP1145	CRP1145

**DEH-P725R,P725R-W,P725,P725-W,P723,P625,  
DEX-P88,P77R**

Mark	No.	Description	DEH-P723/ES	DEH-P625/UC	DEX-P88/UC
			Part No.	Part No.	Part No.
	1-1	Polyethylene Bag	CEG1116	CEG1116	CEG1116
	1-2	Owner's Manual	CRD1939	CRD1938	CRD1936
	1-3	Owner's Manual	.....	.....	.....
	1-4	Owner's Manual	CRD1995	.....	.....
	1-5	Installation Manual	CRD1981	CRD1982	CRD1978
*	1-6	Passport	.....	.....	.....
*	1-7	Warranty Card	.....	.....	CRY1070
	1-8	Chart	.....	.....	.....
*	1-9	Card	.....	ARY1048	.....
*	1-10	Caution Card	.....	.....	CRP1144
	2	Carton	CHG2836	CHG2839	CHG2840
	3	Spacer	CHW1433	.....	CHW1433
	4	Remote Control Assy	CXA8688	.....	CXA8688
	5	Protector	CHP1766	CHP1766	CHP1766
	6	Protector	CHP1767	CHP1767	CHP1767
	7	Polyethylene Bag	CEG-162	CEG1173	CEG1173
	8	Accessory Assy	CEA2081	.....	CEA2081
	8-1	Battery	CEX1006	.....	CEX1006
	8-2	Fastener	CNM3729	.....	CNM3729
	8-3	Fastener(X2)	CNM4256	.....	CNM4256
*	8-4	Polyethylene Bag	E36-615	.....	E36-615
	9	Contain Box	CHL2836	CHL2839	CHL2840
	10	Accessory Assy	CEA2067	CEA2066	CEA2066
	10-1	Screw	.....	.....	.....
	10-2	Screw	.....	.....	.....
	10-3	Spring	CBH-865	CBH-865	CBH-865
	10-4	Handle(X2)	CNC4947	CNC4947	CNC4947
	10-5	Bush	CNV1009	CNV1009	CNV1009
	10-6	Polyethylene Bag	CEG-158	CEG-158	CEG-158
	10-7	Screw Assy	CEA2069	CEA2068	CEA2068
	10-7-1	Screw	CBA1284	CBA1284	CBA1284
	10-7-2	Screw	CBA1120	CBA1120	CBA1120
	10-7-3	Screw	.....	CBA-102	CBA-102
*	10-7-4	Polyethylene Bag	CEG-127	CEG-127	CEG-127
	10-7-5	Screw(X4)	CRZ50P090FMC	CRZ50P090FMC	CRZ50P090FMC
	10-7-6	Nut(X2)	.....	NF50FMC	NF50FMC
	10-7-7	Screw(X4)	TRZ50P080FMC	TRZ50P080FMC	TRZ50P080FMC
	10-8	Strap	.....	CNF-111	CNF-111
	11	Cord Assy	CDE4648	CDE4976	.....
	11	Cord	.....	.....	CDE4970
	12	Case Assy	CXA7194	CXA7194	CXA7194
*	13	Caution Card	CRP1145	CRP1145	CRP1145